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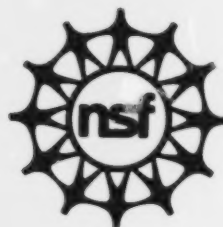
ABSTRACT

Provided is a listing of National Science Foundation (NSF) program grants and contracts awarded in Fiscal Year 1986. Data, current as of February 13, 1987, are arranged as follows: (1) by state, with totals for each state (foreign countries are alphabetized with states); (2) by NSF Directorate, with award and dollar totals for each NSF Directorate; and (3) by institution/organization, Congressional District (CD), and NSF division/office. The following NSF Directorates are included in the tabular data: Mathematical and Physical Sciences (MPS), Scientific, Technological, and International Affairs (STIA), Computer and Information Science and Engineering (CISE), Geosciences (GEO), Engineering (ENG), Biological, Behavioral, and Social Sciences (BBS), Science and Engineering Education (SEE), and Administration. The acronyms for each of the Directorate's offices and divisions are also delineated. (TW)

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ED288732

NATIONAL SCIENCE FOUNDATION



FISCAL YEAR 1986 AWARDS

(by state and NSF directorate)

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Explanation of data in this report

Data are current as of February 13, 1987 and are arranged as follows:

- by state, with totals at end of each state (foreign countries are alphabetized with states, not listed separately)
- by NSF directorate, with award and dollar totals at end of each directorate*
- by institution/organization, Congressional District (CD), and NSF division/office (see explanation of division acronyms below)

*Some *award* totals reflect joint funding between two or more NSF divisions in the same or different directorates. In such a case only the cognizant (primary) division, as defined in the award terms and conditions, is counted. (However, each division's contribution is reflected in the *dollar* totals.)

Explanation of acronyms

1. NSF Directorates and their Divisions:

—Directorate for Mathematical and Physical Sciences (MPS)

Division of Mathematical Sciences (DMS)
Division of Physics (PHY)
Division of Chemistry (CHE)
Division of Materials Research (DMR)
Division of Astronomical Sciences (AST)

—Directorate for Scientific, Technological, and International Affairs (STIA)

Division of Industrial Science and Technological Innovation (ISI)
Division of Research Initiation and Improvement (RII)
Division of International Programs (INT)
Division of Policy Research and Analysis (PRA)
Division of Science Resources Studies (SRS)
Office of Small Business Research and Development (SBR)
Office of Small and Disadvantaged Business Utilization (SDB)

—Directorate for Computer and Information Science and Engineering (CISE)

Division of Computer and Computation Research (CCR)
Division of Computer Research (DCR)
Division of Advanced Scientific Computing (ASC)
Division of Computer and Information Engineering (DCI)
Division of Information Robotics and Intelligent Systems (IRI)

—Directorate for Geosciences (GEO)

Division of Atmospheric Sciences (ATM)
Division of Earth Sciences (EAR)
Division of Ocean Sciences (OCE)
Division of Polar Programs (DPP)

—Directorate for Engineering (ENG)

Division of Chemical, Biochemical, and Thermal Engineering (CBT)
Division of Mechanics, Structures, and Materials Engineering (MSM)
Division of Electrical, Communications, and Systems Engineering (ECS)
Division of Science Base Development in Design, Manufacturing, and Computer Engineering (DMC)
Division of Fundamental Research in Emerging and Critical Engineering Systems (ECE)
Office of Cross-Disciplinary Research (CDR)

—Directorate for Biological, Behavioral, and Social Sciences (BBS)

Division of Molecular Biosciences (DMB)
Division of Cellular Biosciences (DCB)
Division of Biotic Systems and Resources (BSR)
Division of Behavioral and Neural Sciences (BNS)
Division of Social and Economic Science (SES)

—Directorate for Science and Engineering Education (SEE)

Division of Materials Development and Research (MDR)
Division of Research Career Development (RCD)
Division of Teacher Enhancement and Informal Science Education (TEI)
Office of Studies and Program Assessment (SPA)
Office of College Science Instrumentation (CSI)

—Directorate for Administration

Division of Grants and Contracts (DGC)
Division of Personnel and Management (DPM)
Division of Financial Management (DFM)
Division of Administrative Services (DAS)
Office of Equal Opportunity (OEO)
Health Services (HEA)

2. Other Organizational Entities:

—Office of the (NSF) Director

Office of Legislative and Public Affairs (LPA)

Office of Information Systems (OIS)

Office of General Counsel (OGC)

Office of Budget, Audit and Control (BAC)

Division of Audit and Oversight (DAO)

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Alabama													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Alabama St Univ	02	DMS	29,700										
Auburn Univ	03	CHE	21,800	DMS	11,000	PHY	48,750						
U of Ala at Birmingham	06	DMR	107,100	DMS	69,018								
U of Ala in Huntsville	05	AST	25,000	CHE	9,350	PHY	27,000						
Univ of North Alabama	05	PHY	7,500										
University of Alabama	07	AST	50,000	CHE	176,978	DMS	19,600						
DIRECTORATE TOTALS:			\$AMOUNT:	602,796	NUMBER OF AWARDS:			18					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Alabama A & M University	05	RII	298,990										
Tuskegee Inst	03	RII	280,807										
U of Ala at Birmingham	06	INT	8,890										
U of Ala in Huntsville	05	INT	12,800	RII	631,732								
DIRECTORATE TOTALS:			\$AMOUNT:	1,233,219	NUMBER OF AWARDS:			6					
DIRECTORATE FOR GEOSCIENCES													
Alabama A & M University	05	ATM	40,000										
U of Ala in Huntsville	05	ATM	221,600										
University of Alabama	07	EAR	57,403										
DIRECTORATE TOTALS:			\$AMOUNT:	319,003	NUMBER OF AWARDS:			7					
DIRECTORATE FOR ENGINEERING													
Alabama St Univ	02	CBT	14,818										
Auburn Univ	03	DMC	170,913	MSM	33,000								
Auburn Univ-Agr Exp Sta	03	DMC	86,773										
Univ of Alabama Sys Off	07	MSM	14,292										
University of Alabama	07	CBT	13,150	MSM	62,500								
DIRECTORATE TOTALS:			\$AMOUNT:	395,446	NUMBER OF AWARDS:			7					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Auburn Univ	03	DCB	40,378										
U of Ala at Birmingham	06	BNS	138,816	DCB	275,500	DMB	233,000						
U of Ala-Birm Med Col Ala	06	DMB	45,000										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Alabama													
Univ of South Alabama	01	DCB	66,073										
University of Alabama	07	BSR	127,473										
DIRECTORATE TOTALS:			\$AMOUNT:	926,240			NUMBER OF AWARDS:	13					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Auburn Univ	03	RCD	49,050										
Central High School	07	TEI	5,000										
Pelham High School	07	TEI	5,000										
Red Mountain Museum	06	TEI	46,056										
Univ of South Alabama	01	CSI	36,300										
DIRECTORATE TOTALS:			\$AMOUNT:	141,406			NUMBER OF AWARDS:	6					
STATE TOTALS:			\$AMOUNT:	3,618,110			NUMBER OF AWARDS:	57					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Alaska															
DIRECT FOR SCIEN.TECH & INTERNAT AFFAIRS															
U of Alas-Geophys Inst	01	INT	14,980												
DIRECTORATE TOTALS:			\$AMOUNT:	14,980			NUMBER OF AWARDS:	1							
DIRECT FOR COMPUTER & INFO SCIE & ENGINR															
Univ Alaska Fairbanks Cam	01	CCR	59,238												
DIRECTORATE TOTALS:			\$AMOUNT:	59,238			NUMBER OF AWARDS:	1							
DIRECTORATE FOR GEOSCIENCES															
North Slope Borough	01	DPP	24,955												
U AK Arc Env Info Dat Ctr	01	DPP	113,192												
U of Alas-Geophys Inst	01	ATM	1,021,821	DPP	741,428	EAR	20,028								
U of Alas-Inst Marine Sci	01	DPP	225,243	OCE	2,390,580										
Univ Alaska Fairbanks Cam	01	ATM	166,000	DPP	43,029	OCE	148,059								
Univ of Alaska Juneau	01	DPP	148,421												
DIRECTORATE TOTALS:			\$AMOUNT:	5,042,756			NUMBER OF AWARDS:	43							
DIRECTORATE FOR ENGINEERING															
Univ Alaska Fairbanks Cam	01	CES	10,000												
DIRECTORATE TOTALS:			\$AMOUNT:	10,000			NUMBER OF AWARDS:	1							
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE															
U of Alas-Agr Exp Sta	01	BSR	393,993												
U of Alas-Inst Marine Sci	01	BSR	10,000												
Univ Alaska Fairbanks Cam	01	BNS	42,153	BSR	661,131										
Univ of Alaska Anchorage	01	BNS	73,575												
DIRECTORATE TOTALS:			\$AMOUNT:	1,180,852			NUMBER OF AWARDS:	11							

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FY 1966 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Alaska													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Bethel Regional H S	01	TEI	5,000										
Ketchikan High School	01	TEI	5,000										
Univ of Alaska Anchorage	01	RCD	16,350										
DIRECTORATE TOTALS:			\$AMOUNT:	26,350	NUMBER OF AWARDS:			3					
STATE TOTALS:			\$AMOUNT:	6,334,176	NUMBER OF AWARDS:			60					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Arizona													
OFFICE OF THE DIRECTOR													
Coopers & Lybrand	02	DAO	3,260										
DIRECTORATE TOTALS:		\$AMOUNT:		3,260		NUMBER OF AWARDS:		1					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Arizona State University	01	AST	126,900	CHE	167,700	DMR	2,088,550	DMS	68,350	PHY	140,000		
Individual Award	00	AST	50,000										
Lowell Observatory	03	AST	260,600										
Nat Optical Astr Obs	02	AST	24,610,056										
Northern Ariz Univ	03	CHE	2,900										
SAI Planetary Sci Inst	05	AST	31,500										
University of Arizona	02	AST	1,492,700	CHE	533,085	DMR	252,450	DMS	320,880	PHY	420,478		
DIRECTORATE TOTALS:		\$AMOUNT:		30,566,149		NUMBER OF AWARDS:		89					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Arizona State University	01	INT	36,133										
Bartlett Technologies	05	ISI	40,000										
Cochise Instruments	05	ISI	39,800										
Custom Computers	02	ISI	40,000										
Gila River Fishery	05	ISI	24,200										
Infrared Laboratories Inc	05	ISI	35,554										
Matls & Elctrchm Res Corp	02	ISI	40,000										
Nat Optical Astr Obs	02	INT	19,355										
Neldon Enterprises Inc	03	ISI	39,950										
University of Arizona	02	INT	169,476	RII	82,711								
Westech Res & Devel Corp	05	ISI	35,435										
DIRECTORATE TOTALS:		\$AMOUNT:		602,614		NUMBER OF AWARDS:		18					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Arizona State University	01	DCR	252,080										
University of Arizona	02	ASC	23,700	DCI	141,303	DCR	1,242,857						
DIRECTORATE TOTALS:		\$AMOUNT:		1,659,940		NUMBER OF AWARDS:		11					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Arizona													
DIRECTORATE FOR GEOSCIENCES													
Arizona State University	01	ATM	185,000	DPP	74,092	EAR	449,865						
Lowell Observatory	03	ATM	76,200										
Northern Ariz Univ	03	EAR	13,324										
University of Arizona	02	ATM	633,700	EAR	517,812	OCE	75,000						
DIRECTORATE TOTALS:			\$AMOUNT:	2,024,993	NUMBER OF AWARDS:			31					
DIRECTORATE FOR ENGINEERING													
Arizona State University	01	CBT	26,900	CDR	36,200	DMC	203,649	ECS	136,282	MSM	246,200		
University of Arizona	02	CBT	101,200	CDR	241,302	CES	213,276	DMC	164,375	ECS	218,006	MSM	272,110
DIRECTORATE TOTALS:			\$AMOUNT:	1,859,500	NUMBER OF AWARDS:			30					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Arizona State University	01	BNS	268,997	BSR	449,294	DCB	337,018	DMB	138,018	SES	57,245		
Museum of Northern Ariz	03	BSR	118,378										
Northern Ariz Univ	03	BNS	53,849	BSR	181,161	DCB	42,000						
U of Ariz Col of Med	02	BNS	176,099	DCB	203,998								
University of Arizona	02	BNS	418,259	BSR	371,021	DCB	227,477	DMB	214,500	SES	202,398		
DIRECTORATE TOTALS:			\$AMOUNT:	3,459,712	NUMBER OF AWARDS:			62					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Arizona State University	01	RCD	44,970	TEI	324,509								
Individual Award	00	RCD	17,100										
Magee Middle School	05	TEI	5,000										
Marcos de Niza High Sch	01	TEI	5,000										
University of Arizona	02	RCD	125,730										
DIRECTORATE TOTALS:			\$AMOUNT:	522,309	NUMBER OF AWARDS:			7					
STATE TOTALS:			\$AMOUNT:	40,698,477	NUMBER OF AWARDS:			249					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Arkansas													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
U Arkansas Fayetteville	03	CHE	171,500	DMR	39,700	DMS	34,300	PHY	118,984				
DIRECTORATE TOTALS:		\$AMOUNT:		364,484		NUMBER OF AWARDS:		7					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Ark State U Central Off	01	RII	150,000										
U Arkansas Fayetteville	03	RII	14,585										
DIRECTORATE TOTALS:		\$AMOUNT:		164,585		NUMBER OF AWARDS:		2					
DIRECTORATE FOR GEOSCIENCES													
U Arkansas Fayetteville	03	ATM	176,600	EAR	31,017								
DIRECTORATE TOTALS:		\$AMOUNT:		207,617		NUMBER OF AWARDS:		4					
DIRECTORATE FOR ENGINEERING													
U Arkansas Fayetteville	03	DMC	30,000	ECS	45,355								
U Arkansas Little Rock	02	CBT	35,820										
DIRECTORATE TOTALS:		\$AMOUNT:		111,175		NUMBER OF AWARDS:		3					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
U Arkansas Fayetteville	03	BNS	57,824	BSR	314,691	DMB	72,323						
U Arkansas Little Rock	02	BNS	11,000										
U Arkansas Med Scis Cam	02	DCB	200,629	DMB	72,700								
DIRECTORATE TOTALS:		\$AMOUNT:		729,167		NUMBER OF AWARDS:		12					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Arkansas Tech University	03	CSI	7,200										
NLR Northeast High School	02	TEI	5,000										
Ridgeroad Junior High Sch	02	TEI	5,000										
U Arkansas Fayetteville	03	TEI	43,231										
U Arkansas Little Rock	02	CSI	57,390										
DIRECTORATE TOTALS:		\$AMOUNT:		117,821		NUMBER OF AWARDS:		6					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Arkansas													
STATE TOTALS:			\$AMOUNT:	1,694,849		NUMBER OF AWARDS:	34						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Australia													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Samoana High School	00	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	5,000	NUMBER OF AWARDS:			1					
STATE TOTALS:			\$AMOUNT:	5,000	NUMBER OF AWARDS:			1					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Bermuda													
DIRECTORATE FOR GEOSCIENCES													
Bermuda Biol Sta For Res	00	ATM	8,500	OCE	93,291								
Bermuda Biol Sta Research	00	OCE	274,624										
DIRECTORATE TOTALS:			\$AMOUNT:	376,415			NUMBER OF AWARDS:	4					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Bermuda Biol Sta Research	00	BSR	30,000										
DIRECTORATE TOTALS:			\$AMOUNT:	30,000			NUMBER OF AWARDS:	1					
STATE TOTALS:			\$AMOUNT:	406,415			NUMBER OF AWARDS:	5					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													
OFFICE OF THE DIRECTOR													
Peat Marwick Mitchell	44	DAO	82,000										
DIRECTORATE TOTALS:			\$AMOUNT:	82,000	NUMBER OF AWARDS:			1					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Cal St Col at Bakersfield	20	DMS	37,900										
Cal St Univ Fullerton	39	DMR	30,000	DMS	3,000								
Cal St Univ Long Beach	32	CHE	14,000	PHY	38,000								
Cal St Univ Los Angeles	25	CHE	49,000	PHY	97,000								
Cal St Univ Northridge	26	AST	65,000	CHE	44,000								
Cal State Univ Sacramento	03	PHY	6,000										
California Inst of Tech	22	AST	6,134,900	CHE	2,302,278	DMR	1,674,900	DMS	469,611	PHY	3,088,146		
Claremont Graduate School	33	DMS	44,500										
DOE-SF Operations Office	08	DMS	20,000										
Frederic Burk Fdn Inc	05	AST	93,500	CHE	85,318								
Harvey Mudd Col	33	CHE	112,900	DMS	24,407								
Individual Award	00	DMS	335,200										
Inst of Math Statistics	08	CHE	2,500	DMS	16,150								
Jet Propulsion Laboratory	22	PHY	37,500										
Lawrence Berkeley Lab	08	DMR	9,000	PHY	95,867								
Lawrence Livermore Lab	08	PHY	3,000										
Math Sci Res Inst	08	DMS	2,094,526										
Occidental Col	25	CHE	132,000	DMS	30,000								
Pomona Col	33	DMS	87,310										
SRI International	11	AST	48,000	CHE	142,307	DMR	320,000	PHY	221,000				
San Diego State Univ	41	CHE	132,100	DMS	63,950								
San Jose State University	10	DMR	74,900	DMS	52,650	PHY	58,586						
Scripps Clinic & Res Fdn	41	CHE	148,000										
Stanford Univ	12	CHE	2,288,406	DMR	4,182,500	DMS	1,478,856	PHY	3,090,432				
U of Cal Irvine	40	CHE	1,080,702	DMR	261,000	DMS	116,050	PHY	955,856				
U of Cal SC Lick Observa	10	AST	553,800										
U of Cal SD Scripps Inst	41	CHE	60,800	DMS	13,000								
U of Cal San Diego	41	AST	463,000	CHE	948,706	DMR	748,700	DMS	864,552	PHY	1,139,000		
U of Cal San Francisco	05	CHE	47,500										
U of Cal Santa Barbara	19	CHE	1,112,900	DMR	2,021,900	DMS	206,625	PHY	2,056,228				
U of Cal Santa Cruz	16	AST	8,400	CHE	82,000	DMR	327,600	DMS	61,453	PHY	522,796		
Univ of Cal Berkeley	08	AST	2,011,500	CHE	2,736,015	DMR	1,384,600	DMS	2,020,536	PHY	1,085,745		
Univ of Cal Los Angeles	23	AST	373,900	CHE	2,174,547	DMR	1,037,300	DMS	1,112,923	PHY	1,157,700		
Univ of Cal Riverside	37	CHE	526,014	DMR	100,200	DMS	133,516						
Univ of California Davis	04	CHE	1,063,876	DMR	197,000	DMS	147,110	PHY	185,000				
Univ of Southern Cal	28	CHE	861,960	DMR	669,400	DMS	229,785	PHY	231,847				
University of Santa Clara	13	PHY	19,898										
Westmont College	19	PHY	8,200										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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California

DIRECTORATE TOTALS:

\$AMOUNT: 62,700,240

NUMBER OF AWARDS: 562

DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Adv Res & Applicatin Corp	12	ISI	54,955				
Advanced Genetic Sciences	08	ISI	153,871				
AeroVironment Inc	25	ISI	39,840				
American Electronics Assn	11	INT	49,988				
Applied Superconduct Inc	22	ISI	132,790				
Axiomatix	28	ISI	38,991				
Cal St Col at Bakersfield	20	INT	5,000				
Cal St Univ Los Angeles	25	RII	293,082				
California Inst of Tech	22	INT	60,321	RII	124,432		
Charles Evans & Assocs	11	ISI	239,333				
Cognos Associates	12	PRA	53,677				
Computer Sonics Inc	40	ISI	39,360				
Dynamics Technology Inc	42	ISI	39,114				
Emerson & Stern Assoc	41	ISI	40,000				
Energy&Envrnmntl Rsch Corp	40	ISI	99,972				
Fuller Theol Sem	25	INT	9,836				
Humboldt State University	01	INT	11,649				
Inst Med Res-Santa Clara	13	INT	19,814				
Jack R Benjamin Assoc Inc	12	ISI	40,000				
K D Howard Enterprise Inc	21	ISI	39,560				
Lawrence Berkeley Lab	08	INT	44,250				
Lawrence Livermore Lab	08	INT	14,782				
Maxdem Incorporated	22	ISI	40,000				
Membrane Tech & Res Inc	11	ISI	40,000				
Neushul Mariculture Inc	19	ISI	38,909				
Optivision Inc	12	ISI	100,000				
Plant Genetics Inc	04	ISI	119,417				
SRI International	11	SRS	69,927				
San Diego State Univ	41	INT	64,800				
SeaSpace	41	INT	3,056				
Spectron Develop Labs Inc	40	ISI	39,998				
Stanford Univ	12	INT	118,452	RII	10,415		
Stratecon Inc	33	ISI	191,795				
Structural Integrity Asso	13	ISI	38,906				
Tenara Services Corp	08	ISI	39,726				
U of Cal Irvine	40	INT	17,737				
U of Cal SC Lick Observa	10	INT	41,618				
U of Cal SD Scripps Inst	41	INT	23,134				
U of Cal SF Sch of Med	05	INT	9,238				
U of Cal San Diego	41	INT	114,147				
U of Cal Santa Cruz	16	INT	27,282				

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													
Univ of Cal Berkeley	08	INT	155,249	RII	257,066								
Univ of Cal Los Angeles	23	INT	106,995										
Univ of Cal Riverside	37	INT	24,370										
Univ of California Davis	04	INT	74,958										
Univ of Southern Cal	28	INT	69,634	PRA	25,530								
Vestar Research Inc	25	ISI	142,056										
XMR Inc	13	ISI	38,783										

DIRECTORATE TOTALS: \$AMOUNT: 3,687,815 NUMBER OF AWARDS: 100

DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Cal State Univ Fresno	18	DCR	9,750										
California Inst of Tech	22	ASC	48,500	DCI	62,500	DCR	32,500	IRI	142,788				
GA Technologies Inc	45	ASC	9,550,000										
Mills College	08	DCR	28,544										
Rand Corporation	27	ASC	190,000										
SRI International	11	ASC	15,000	DCR	260,645	IRI	195,875						
San Diego State Univ	41	DCR	56,879										
Stanford Univ	12	ASC	324,700	DCI	273,614	DCR	1,211,755	IRI	614,247				
U of Cal Irvine	40	DCI	145,000	DCR	913,143	IRI	515,468						
U of Cal San Diego	41	DCI	16,500	DCR	183,242	IRI	30,880						
U of Cal Santa Barbara	19	ASC	3,000	DCI	118,915	DCR	307,599						
U of Cal Santa Cruz	16	DCR	69,000										
Univ of Cal Berkeley	08	ASC	94,250	DCI	1,027,672	DCR	535,174	IRI	226,710				
Univ of Cal Los Angeles	23	ASC	30,000	DCI	85,000	DCR	853,318	IRI	97,739				
Univ of Southern Cal	28	ASC	354,000	DCI	409,169	DCR	276,918	IRI	85,741				
Vector Productions	28	ASC	1,275,000										

DIRECTORATE TOTALS: \$AMOUNT: 20,570,735 NUMBER OF AWARDS: 105

DIRECTORATE FOR GEOSCIENCES

Aerospace Corporation	28	ATM	251,000										
Arctic Res Commission	28	DPP	259,879										
Cal St Univ Fullerton	39	ATM	83,100										
Calif St U San Lu Obispo	16	EAR	55,000										
California Inst of Tech	22	ATM	552,549	DPP	233,217	EAR	2,214,256	OCE	187,541				
Individual Award	00	OCE	29,570										
La Jolla Institute	41	ATM	34,000										
Lockheed M&S-Palo Alto	12	ATM	51,900										
NASA-Ames Research Ctr	12	DPP	15,001										
Naval Postgraduate School	16	ATM	191,456	OCE	312,562								
PD Inc Berkeley Res Assoc	08	ATM	28,200										
Point Reyes Bird Observ	06	DPP	221,885	OCE	44,468								

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													
SAI La Jolla	41	ATM	51,000										
SRI International	11	ATM	2,029,200	DPP	42,744								
San Diego State Univ	41	ATM	105,600	EAR	334,464	OCE	98,200						
San Jose State University	10	OCE	1,221,555										
SeaSpace	41	DPP	130,402	OCE	302,000								
Stanford Univ	12	ATM	503,100	DPP	669,222	EAR	1,109,794	OCE	117,153				
TRW Inc Redondo Beach	27	OCE	172,800										
U of Cal Irvine	40	ATM	471,100	DPP	310,364	OCE	45,000						
U of Cal SD Scripps Inst	41	ATM	758,338	DPP	1,734,574	EAR	1,390,596	OCE	15,258,039				
U of Cal San Diego	41	ATM	466,900	DPP	27,000	EAR	69,058	OCE	253,551				
U of Cal Santa Barbara	19	ATM	110,000	DPP	62,192	EAR	449,962	OCE	1,376,107				
U of Cal Santa Cruz	16	DPP	146,516	EAR	360,666	OCE	331,638						
Univ of Cal Berkeley	08	ATM	169,700	EAR	853,606	OCE	75,485						
Univ of Cal Los Angeles	23	ATM	1,965,584	DPP	171,618	EAR	960,454	OCE	300,686				
Univ of Cal Riverside	37	ATM	173,000	DPP	139,491	EAR	140,367						
Univ of California Davis	04	ATM	126,848	EAR	636,566	OCE	57,300						
Univ of Southern Cal	28	ATM	56,500	DPP	206,841	EAR	723,721	OCE	1,208,807				

DIRECTORATE TOTALS:

\$AMOUNT: 43,240,993

NUMBER OF AWARDS: 385

DIRECTORATE FOR ENGINEERING

Agbabian Associates	27	CES	169,601										
Applied Technology Council	11	CES	162,268										
Building Systems Dev Inc	05	CES	94,965										
Cal St Univ Fullerton	39	CBT	5,000	DMC	5,000	ECS	10,000	MSM	2,200				
Cal St Univ Long Beach	32	CES	121,593	ECS	5,000								
Cal State Univ Chico	02	ENG	38,500										
California Inst of Tech	22	CBT	496,012	CES	956,599	DMC	62,500	ECS	218,000	MSM	921,671		
California Publ Hlth Fdn	08	CBT	68,953										
Computech	08	CES	139,866	ECE	89,066								
Dames & Moore	31	CES	105,437										
Earthquake Eng Res Inst	08	CES	172,295										
Englekirk&Hart Consul Eng	24	CES	246,751										
Frederic Burk Fdn Inc	05	ECS	25,000										
Future Resrcs Assoc Inc	08	CES	15,000										
Inst of Math Statistics	08	DMC	2,500	ECS	2,500								
Integrated Sysms Inc-Cal	12	ECS	135,228										
Interpacific Tech Inc	09	CES	86,080										
Michael E Durkin Assocs	23	CES	145,998										
Naval Postgraduate School	16	CBT	90,383										
Neushul Mariculture Inc	19	CBT	90,760										
Rand Corporation	27	CES	140,098										
SRI International	11	CBT	80,000	CES	99,829	MSM	2,600						
Safety Sciences	41	CES	12,013										
San Diego State Univ	41	CBT	91,360	ECS	88,900	ENG	104,306						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													
San Jose State University	10	CBT	86,761	CDR	4,200	DMC	57,150	ECS	4,200				
Stanford Univ	12	CBT	608,126	CDR	68,750	CES	371,319	DMC	312,789	ECS	1,247,380	ENG	20,000
		MSM	647,119										
Travel Award	00	CBT	1,900										
U of Cal Irvine	40	CBT	67,502	CES	90,017	ECE	95,482						
U of Cal SD Scripps Inst	41	CES	32,753	MSM	54,000								
U of Cal San Diego	41	CBT	242,826	CDR	69,000	CES	708,332	ECE	62,500	ECS	105,004	MSM	133,343
U of Cal Santa Barbara	19	CBT	178,278	CDR	1,750,700	MSM	157,046						
U of Cal Santa Cruz	16	CDR	19,800										
Univ of Cal Berkeley	08	CBT	1,101,014	CDR	98,725	CES	1,668,650	DMC	618,478	ECS	1,055,747	MSM	767,282
Univ of Cal Los Angeles	23	CBT	272,589	CDR	15,000	CES	280,548	ECS	251,547	MSM	45,000		
Univ of Cal Riverside	37	CES	43,094										
Univ of California Davis	04	CBT	218,438	CES	47,953	ECE	50,000	ECS	142,497	MSM	39,651		
Univ of Southern Cal	28	CBT	172,500	CDR	50,000	CES	519,433	DMC	155,256	ECE	143,232	ECS	287,389
		MSM	295,865										
University of Santa Clara	13	CBT	20,000	ECS	116,625	ENG	102,953						
Varian Associates	11	CDR	20,000	ECS	50,000								
William Spangle & Assoc	11	CES	136,493										

DIRECTORATE TOTALS: \$AMOUNT: 21,286,068

NUMBER OF AWARDS: 251

DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Addiction Research Fdn	12	BNS	57,000										
Agouron Institute	41	DMB	194,000										
Amer Soc of Zoologists	21	BNS	10,000	BSR	17,188	DCB	4,000						
Applied Decision Analysis	11	SES	149,898										
Beckman Res Inst Cty Hope	33	BNS	122,540	DCB	110,000								
Berkeley Sci Historians	08	SES	9,000										
Cal Acad of Sciences	06	BSR	277,172										
Cal St Col at Bakersfield	20	DCB	84,071										
Cal St Hayward Fdn Inc	09	DMB	40,757										
Cal St Univ Fullerton	39	DMB	6,000										
Cal St Univ Long Beach	32	DCB	60,000										
Cal St Univ Los Angeles	25	BNS	45,781										
Cal State Univ Chico	02	BNS	50,000	DMB	80,000								
Cal State Univ Fresno	18	DMB	70,000										
California Inst of Tech	22	BNS	246,430	BSR	99,000	DCB	674,865	DMB	610,528	SES	258,786		
California Publ Hlth Fdn	08	DCB	60,000										
Claremont Graduate School	33	SES	42,092										
Ctr Adv Study Behav Sci	12	BNS	300,000	SES	300,000								
Far West Lab Ed Res & Dev	05	SES	49,861										
Frederic Burk Fdn Inc	05	DMB	70,000										
Future Resrcs Assoc Inc	08	SES	75,000										
Harvey Mudd Col	33	DMB	78,500										
Humboldt State University	01	BNS	18,000										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													
Individual Award	00	DCB	264,081	DMB	101,661								
Inst of Human Origins	08	BNS	75,000										
Inst of Math Statistics	08	SES	5,000										
L A Cty Museum Nat Hist	28	BSR	662,722										
La Jolla Cancer Res Fdn	41	DCB	238,000										
Loma Linda Univ	35	DCB	163,000										
Loma Linda Univ-Sch Med	35	DCB	3,500										
Medical Biology Institute	41	DCB	97,458										
Occidental Col	25	BSR	167,705	DCB	92,854								
Point Loma Nazarene Col	41	DMB	87,395										
Pomona Col	33	DMB	70,000										
Rand Corporation	27	SES	42,604										
SRI International	11	BNS	80,296										
San Diego State Univ	41	BSR	787,529	DCB	139,000	DMB	80,000						
San Jose State University	10	BSR	3,000										
Scripps Clinic & Res Fdn	41	BNS	10,000	DCB	471,815	DMB	177,189						
Stanford Univ	12	BNS	1,203,424	BSR	303,173	DCB	329,200	DMB	1,507,322	SES	867,949		
Stanford Univ Hopkins Sta	16	DCB	110,000										
Stanford Univ Sch of Med	12	DCB	313,745										
The Salk Inst Bio Studies	45	BNS	125,000	DMB	72,000								
The Smith-Kitttlewell Eye	06	BNS	106,700										
U of Cal Irvine	40	BNS	657,247	BSR	205,888	DCB	631,033	DMB	375,000	SES	496,203		
U of Cal SD Scripps Inst	41	BNS	190,948	BSR	102,435	DCB	124,350						
U of Cal SD-Sch of Med	41	BNS	177,619										
U of Cal SF Sch of Med	05	DCB	65,000	DMB	48,000								
U of Cal San Diego	41	BNS	959,151	BSR	74,164	DCB	478,500	DMB	1,401,752	SES	104,133		
U of Cal San Francisco	05	BNS	124,138	BSR	39,022	DCB	662,837	DMB	639,500				
U of Cal Santa Barbara	19	BNS	159,163	BSR	261,935	DCB	50,959	DMB	139,900	SES	121,649		
U of Cal Santa Cruz	16	BNS	182,871	BSR	157,000	DCB	395,770	DMB	353,830	SES	24,795		
U of Southern Cal Sch Med	28	DMB	222,587										
UCLA Ctr Hlt Sci Sch Med	23	BNS	120,204	DCB	159,884								
Unicon Research Corp	27	SES	52,610										
Univ of Cal Berkeley	08	BNS	1,417,928	BSR	1,852,901	DCB	1,710,903	DMB	1,645,693	SES	184,927		
Univ of Cal Los Angeles	23	BNS	1,162,547	BSR	348,398	DCB	990,026	DMB	1,576,649	SES	529,905		
Univ of Cal Riverside	37	BNS	261,226	BSR	513,067	DCB	327,750	DMB	598,325				
Univ of California Davis	04	BNS	380,379	BSR	1,162,970	DCB	774,363	DMB	1,142,063	SES	293,357		
Univ of Southern Cal	28	BNS	305,462	BSR	74,000	DMB	360,000	SES	422,673				
Univ of the Pacific	14	DCB	60,000										
Zoecon Corporation	12	DCB	73,000	DMB	75,000								
Zool Soc of San Diego	44	DMB	7,093										

DIRECTORATE TOTALS:

\$AMOUNT: 41,239,463

NUMBER OF AWARDS: 583

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Cal Acad of Sciences	06	MDR	149,830										
Cal Museum Foundation	29	MDR	190,600										
Cal St Poly Univ Pomona	33	CSI	36,820	TEI	135,598								
Cal St Univ Fullerton	39	CSI	48,583	MDR	461,497								
Cal St Univ Hayward	09	CSI	128,314										
Cal St Univ Long Beach	32	CSI	30,999	RCD	16,350								
Cal St Univ Los Angeles	25	CSI	81,295										
Cal St Univ Northridge	26	TEI	121,057										
Cal State Univ Chico	02	CSI	45,000										
Calif St U San Lu Obispo	16	CSI	35,590	TEI	121,335								
California Inst of Tech	22	MDR	353,000	RCD	833,630								
Cate School	19	TEI	5,000										
Claremont Graduate School	33	RCD	16,350										
Individual Award	00	RCD	36,975										
Mills College	08	CSI	30,610										
Pacific Union College	02	CSI	48,298										
Pomona Col	33	CSI	23,106										
Rand Corporation	27	SPA	44,953										
SRI International	11	SEE	1,576,008										
San Diego State Univ	41	CSI	13,820	MDR	277,991								
San Diego State Univ Fdn	41	MDR	53,000										
San Jose State University	10	CSI	25,140										
Sonoma State University	01	CSI	16,010	TEI	244,248								
St Mary's Col of Cal	08	CSI	31,000										
Stanford Univ	12	MDR	495,998	RCD	2,207,370	SEE	34,611						
The Exploratorium	05	MDR	159,050										
U of Cal Irvine	40	RCD	30,680	TEI	62,412								
U of Cal San Diego	41	RCD	232,390	TEI	265,429								
U of Cal San Francisco	05	RCD	264,950										
U of Cal Santa Barbara	19	RCD	123,860	TEI	349,606								
U of Cal Santa Cruz	16	MDR	103,524	RCD	49,050								
Ukiah High School	01	TEI	5,000										
Univ of Cal Berkeley	08	MDR	590,624	RCD	2,247,170	TEI	500,757						
Univ of Cal Los Angeles	23	MDR	65,048	RCD	181,700	SPA	65,000	TEI	24,133				
Univ of Cal Riverside	37	RCD	100,680	TEI	55,582								
Univ of California Davis	04	RCD	149,280	TEI	164,158								
Univ of Southern Cal	28	RCD	65,400										
University of Santa Clara	13	TEI	88,615										
Whittier College	33	CSI	10,903										
DIRECTORATE TOTALS:			\$AMOUNT:	13,924,987	NUMBER OF AWARDS:			75					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
California													

STATE TOTALS: \$AMOUNT: 206,732,301 NUMBER OF AWARDS: 2,062

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Canada													
DIRECTORATE FOR GEOSCIENCES													
Sci Comm on Oceanic Res	00	OCE	71,278										
DIRECTORATE TOTALS:			\$AMOUNT:	71,278	NUMBER OF AWARDS:			2					
STATE TOTALS:			\$AMOUNT:	71,278	NUMBER OF AWARDS:			2					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Colorado													
OFFICE OF THE DIRECTOR													
Deloitte Haskins & Sells	01	DAO	6,000										
DIRECTORATE TOTALS:		\$AMOUNT:		6,000		NUMBER OF AWARDS:		1					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Aspen Center For Physics	03	DMR	35,000	PHY	139,000								
Colorado College	05	DMS	3,838										
Colorado School of Mines	06	DMR	144,500	PHY	100,000								
Colorado State University	04	CHE	1,681,852	DMR	347,800	DMS	214,750	PHY	127,790				
Fort Lewis College	03	DMS	20,000										
Individual Award	00	DMS	1,200										
Univ Colorado at Boulder	02	AST	518,000	CHE	1,064,691	DMR	190,300	DMS	272,920	PHY	1,249,500		
Univ of Colo at Denver	01	CHE	25,000										
University of Denver	01	AST	29,800	CHE	60,000								
DIRECTORATE TOTALS:		\$AMOUNT:		6,225,941		NUMBER OF AWARDS:		76					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Colorado State University	04	INT	119,810										
Computer Technology Assoc	06	ISI	79,913										
DFM Engineering Inc	02	ISI	189,186										
Engineering Data Mgt Inc	04	ISI	39,821										
Nat Ctr For Atmos Res	02	INT	36,400										
Ophir Corporation	06	ISI	125,646										
Sievers Research Inc	02	ISI	190,000										
Solar Energy Research Ins	06	INT	17,067										
Spectrum 2000 Inc	02	ISI	39,436										
Univ Colorado at Boulder	02	INT	53,935	RII	102,000								
Vexcel Corporation	02	ISI	36,156										
Water Engr & Tech Inc	04	ISI	109,181										
DIRECTORATE TOTALS:		\$AMOUNT:		1,138,551		NUMBER OF AWARDS:		24					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Colorado State University	04	ASC	2,400										
Univ Colorado at Boulder	02	ASC	77,800	DCI	60,000	DCR	1,051,255	IRI	80,963				
Univ of Colo at Denver	01	DCI	25,500										
DIRECTORATE TOTALS:		\$AMOUNT:		1,297,918		NUMBER OF AWARDS:		7					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Colorado													
DIRECTORATE FOR GEOSCIENCES													
Colorado School of Mines	06	DPP	49,602										
Colorado State University	04	ATM	1,956,534	EAR	72,982								
NOAA-Environ Research Lab	02	ATM	227,725										
Univ Colorado at Boulder	02	ATM	711,488	DPP	331,472	EAR	991,190	OCE	40,500				
Univ of Colo at Denver	01	ATM	60,000										
University of Denver	01	ATM	471,367	DPP	54,711								
DIRECTORATE TOTALS:			\$AMOUNT:	4,967,571	NUMBER OF AWARDS:			62					
DIRECTORATE FOR ENGINEERING													
Atkinson-Noland Assoc Inc	02	CES	57,461	ECE	128,951								
Colorado School of Mines	06	CBT	50,000	CDR	150,000	ENG	76,359	MSM	5,780				
Colorado State University	04	CBT	164,192	CES	136,037	DMC	100,962	ECS	409,620	MSM	27,664		
The Masonry Society	02	ECE	138,114										
U Colo at Colo Springs	05	CES	30,021										
Univ Colorado at Boulder	02	CBT	246,900	CDR	55,277	CES	557,518	DMC	100,000	ECE	223,176	MSM	359,813
Univ of Colo Sys Office	02	CES	45,951	ECE	157,484								
Univ of Colo at Denver	01	CES	54,684										
University of Denver	01	CES	130,000										
DIRECTORATE TOTALS:			\$AMOUNT:	3,405,964	NUMBER OF AWARDS:			46					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Colorado State University	04	BNS	55,996	BSR	1,861,142	DCB	148,640	DMB	55,009				
E Roosevelt Ins Cancr Res	01	DCB	80,000										
Individual Award	00	DCB	26,400										
Ntl Jewish Ctr Immun Resp	01	BNS	74,999	DCB	73,000								
Rocky Mtn Biol Lab	03	BSR	80,750										
Univ Colorado at Boulder	02	BNS	417,287	BSR	670,976	DCB	197,000	DMB	318,100	SES	199,212		
Univ of Colo Hlth Sci Ctr	01	BNS	252,830	DCB	206,515								
Univ of Colo at Denver	01	BSR	29,000	DCB	80,000	SES	34,978						
University of Denver	01	BNS	81,301	DCB	65,000	DMB	34,000	SES	59,999				
DIRECTORATE TOTALS:			\$AMOUNT:	5,102,134	NUMBER OF AWARDS:			70					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Amer Indian Sci&Eng Soc	02	TEI	169,429										
Biol Scs Curriculum Study	05	MDR	157,338	TEI	93,616								
Colorado College	05	CSI	18,420										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Colorado													
Colorado School of Mines	06	RCD	16,350										
Colorado State University	04	MDR	160,076	RCD	61,350								
Denver Audubon Society	01	MDR	95,759										
Educ Commission of States	01	SPA	115,558										
Fort Lewis College	03	CSI	23,184										
Jefferson Co Public Sch	06	MDR	190,032										
Mesa College	03	CSI	16,663										
Overland High School	06	TEI	5,000										
Soc Sci Educ Consortium	02	MDR	156,067										
Steamboat Springs H S	03	TEI	5,000										
U Colo at Colo Springs	05	CSI	40,911										
Univ Colorado at Boulder	02	RCD	184,020	TEI	235,398								
University of Denver	01	MDR	7,868										
DIRECTORATE TOTALS:			\$AMOUNT:	1,752,039	NUMBER OF AWARDS:			20					
STATE TOTALS:			\$AMOUNT:	23,896,118	NUMBER OF AWARDS:			306					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Connecticut															
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN															
Central Conn St Col	06	PHY	5,358												
Fairfield Univ	04	PHY	22,055												
Individual Award	03	DMS	66,800												
Trinity College	01	PHY	18,263												
University of Connecticut	02	DMR	181,900	DMS	116,800	PHY	115,506								
Wesleyan Univ	02	AST	147,700	CHE	141,950	DMS	20,300								
Yale University	03	AST	235,800	CHE	904,959	DMR	639,400	DMS	797,124	PHY	639,519				
DIRECTORATE TOTALS:			\$AMOUNT:	4,053,434		NUMBER OF AWARDS:			60						
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS															
Advanced Fuel Research	01	ISI	373,070												
Scientific Comput Assocs	03	ISI	80,000												
Sigma XI Sc Res Soc N Amr	03	PRA	20,000												
Springborn Labs Inc	06	ISI	39,150												
Stonehart Associates Inc	03	ISI	39,378												
University of Connecticut	02	INT	16,380												
Wesleyan Univ	02	INT	11,868	RII	89,995										
Yale University	03	INT	33,455	RII	86,898										
DIRECTORATE TOTALS:			\$AMOUNT:	790,194		NUMBER OF AWARDS:			14						
DIRECT FOR COMPUTER & INFO SCIE & ENGINR															
University of Connecticut	02	DCI	71,058	DCR	239,819	IRI	14,300								
Yale Univ Peabody Museum	03	IRI	4,284												
Yale University	03	DCI	219,584	DCR	1,021,376	IRI	71,548								
DIRECTORATE TOTALS:			\$AMOUNT:	1,641,969		NUMBER OF AWARDS:			18						
DIRECTORATE FOR GEOSCIENCES															
Oceanweather Inc	04	OCE	38,179												
St Joseph College	01	ATM	68,000												
Trinity College	01	ATM	56,350												
U of Conn Marine Sci Inst	02	ATM	5,357	OCE	48,217										
Yale University	03	ATM	289,878	EAR	348,598	OCE	355,760								
DIRECTORATE TOTALS:			\$AMOUNT:	1,210,339		NUMBER OF AWARDS:			19						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Connecticut													
DIRECTORATE FOR ENGINEERING													
University of Connecticut	02	CBT	102,642	MSM	68,360								
Yale University	03	CBT	367,663	DMC	116,270	ECS	309,550	MSM	72,985				
DIRECTORATE TOTALS:			\$AMOUNT:	1,037,470	NUMBER OF AWARDS:			20					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Connecticut College	02	DMB	45,000										
Haskins Laboratories Inc	03	BNS	100,000										
Southern Conn State Col	03	SES	10,000										
Univ of Conn Health Ctr	06	BNS	98,299										
University of Connecticut	02	BNS	81,785	BSR	179,474	DCB	433,025	DMB	406,800				
Wesleyan Univ	02	BNS	5,000	DCB	110,000								
Yale Univ Sch of Medicine	03	BNS	110,232	BSR	170,099	DMB	68,000						
Yale University	03	BNS	373,601	BSR	712,849	DCB	240,500	DMB	714,400	SES	556,715		
DIRECTORATE TOTALS:			\$AMOUNT:	4,415,779	NUMBER OF AWARDS:			64					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Berlin High School	01	TEI	5,000										
Fairfield Public Schools	04	TEI	265,608										
Portland High School	01	TEI	5,000										
Quinnipiac College	03	CSI	24,725										
Trinity College	01	CSI	36,022										
Western Conn State Col	05	CSI	12,000										
Yale University	03	RCD	612,300										
DIRECTORATE TOTALS:			\$AMOUNT:	960,655	NUMBER OF AWARDS:			8					
STATE TOTALS:			\$AMOUNT:	14,109,840	NUMBER OF AWARDS:			203					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

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STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Delaware													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Franklin Inst-Bartol Fdn	01	PHY	74,130										
University of Delaware	01	AST	53,000	CHE	389,011	DMR	183,500	DMS	179,472	PHY	66,342		
DIRECTORATE TOTALS:		\$AMOUNT:		945,455		NUMBER OF AWARDS:		20					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Astrosys Inc/Astropow Div	01	ISI	40,000										
Franklin Inst-Bartol Fdn	01	INT	15,954										
University of Delaware	01	INT	47,700										
DIRECTORATE TOTALS:		\$AMOUNT:		103,654		NUMBER OF AWARDS:		3					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Franklin Inst-Bartol Fdn	01	ASC	19,500										
University of Delaware	01	ASC	55,220										
DIRECTORATE TOTALS:		\$AMOUNT:		74,720		NUMBER OF AWARDS:		2					
DIRECTORATE FOR GEOSCIENCES													
Franklin Inst-Bartol Fdn	01	ATM	296,800	DPP	294,776								
Univ Del-Col Marine Stdys	01	OCE	674,261										
University of Delaware	01	ATM	19,203	EAR	54,516	OCE	1,093,367						
DIRECTORATE TOTALS:		\$AMOUNT:		2,432,923		NUMBER OF AWARDS:		23					
DIRECTORATE FOR ENGINEERING													
University of Delaware	01	CBT	633,361	CDR	1,291,525	CES	431,660	ECS	48,962	MSM	76,426		
DIRECTORATE TOTALS:		\$AMOUNT:		2,481,934		NUMBER OF AWARDS:		20					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Univ Del-Col Marine Stdys	01	DMB	165,300										
University of Delaware	01	BNS	327,368	BSR	45,409	DCB	151,163	DMB	70,000				
DIRECTORATE TOTALS:		\$AMOUNT:		759,240		NUMBER OF AWARDS:		9					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Delaware													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Archmere Academy	01	TEI	5,000										
John Dickinson High Sch	01	TEI	5,000										
University of Delaware	01	MDR	178,226										
DIRECTORATE TOTALS:			\$AMOUNT:	188,226	NUMBER OF AWARDS:			3					
STATE TOTALS:			\$AMOUNT:	6,986,152	NUMBER OF AWARDS:			80					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
District of Columbia													
OFFICE OF THE DIRECTOR													
ABT Associates DC	01	BAC	50,000										
ADVANCE Incorporated	01	OIS	348,572										
Gottlieb Associates	01	LPA	28,932										
Hillmann & Carr	01	LPA	24,781										
Joint Ocean Insts Inc	01	DAO	25,000										
League Women Voters U S	01	LPA	62,946										
Modern Talking Pictures	01	LPA	1,028										
Nat Acad of Sciences	01	LPA	618,694										
Natl Institutes of Health	01	BAC	20,000										
Price Waterhouse & Co	01	DAO	159,885										
DIRECTORATE TOTALS:			\$AMOUNT:	1,339,838	NUMBER OF AWARDS:			14					
DIRECTORATE FOR ADMINISTRATION													
Amer Assoc For Advt Sci	01	OEO	4,000										
Dynamic Concepts Inc	01	DAS	139,102										
DIRECTORATE TOTALS:			\$AMOUNT:	143,102	NUMBER OF AWARDS:			3					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Amer Assoc For Advt Sci	01	PHY	2,000										
Amer Chemical Soc	01	CHE	35,000										
American University	01	PHY	397,720										
Carnegie Inst of Wash	01	AST	257,981										
Conf Bd of the Math Sci	01	DMS	53,450										
George Washington Univ	01	DMS	22,200	PHY	103,574								
Georgetown University	01	CHE	541,781	DMS	43,450	PHY	22,000						
Howard University	01	CHE	99,500	DMS	63,114								
Individual Award	01	DMS	26,000										
NASA	01	AST	78,000										
Nat Acad Sci-Nat Res Cnl	01	CHE	55,000	DMR	25,000	DMS	236,014	PHY	50,000				
Nat Acad of Sciences	01	AST	45,274	DMR	445,000	MPS	199,854	PHY	20,000				
Nat Bureau of Standards	01	CHE	125,000										
Student Pugwash USA	01	CHE	60,000										
The Catholic Univ Amer	01	CHE	58,700	PHY	204,000								
Universities Res Assn Inc	01	PHY	40,000										
DIRECTORATE TOTALS:			\$AMOUNT:	3,309,612	NUMBER OF AWARDS:			42					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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District of Columbia

DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Amer Assoc For Advt Sci	01	INT	14,777	RII	12,900								
Amer Geophysical Union	01	INT	8,000										
Amer Sociological Assoc	01	INT	75,250										
Bureau of Labor Stat	01	SRS	232,800										
Bureau of the Census	01	SRS	856,000										
Department of State	01	INT	210,925										
Foresight Inc	01	ISI	47,059										
George Wash Univ Med Ctr	01	INT	14,574										
George Washington Univ	01	INT	74,440	PRA	67,481								
Georgetown University	01	INT	10,983										
Individual Award	01	INT	2,000										
Library of Congress	01	INT	21,800										
Mathematica Inc Wash D C	01	SRS	78,571										
Nat Acad Sci-Nat Res Cnl	01	INT	77,600	SRS	305,000								
Nat Acad of Sciences	01	INT	1,995,178	RII	22,504	SRS	625,609	STI	47,600				
Nat Bureau of Standards	01	INT	4,800										
Natl Institutes of Health	01	PRA	20,500	SRS	69,000								
Office of Personnel Mgmt	01	SRS	1,700										
Patent Office	01	SRS	19,800										
Smithsonian Institution	01	INT	3,619										
Syscon Corporation	01	PRA	215,410										
Travel Award	01	INT	5,400										

DIRECTORATE TOTALS: \$AMOUNT: 5,141,280 NUMBER OF AWARDS: 45

DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Nat Acad of Sciences	01	ASC	30,000										
Nat Bureau of Standards	01	DCR	2,000										
Nat Planning Assoc	01	IRI	60,000										

DIRECTORATE TOTALS: \$AMOUNT: 92,000 NUMBER OF AWARDS: 2

DIRECTORATE FOR GEOSCIENCES

Amer Assoc For Advt Sci	01	ATM	52,100										
Amer Geophysical Union	01	ATM	4,770	DPP	30,311	OCE	30,000						
Carnegie Inst of Wash	01	EAR	324,738										
Council on Environmtl Qlity	01	ATM	8,000										
Department of Defense	01	DPP	54,037,000										
Department of Energy	01	EAR	25,000										
Department of Interior	01	DPP	1,000										
Dept Trans U S Coast Gard	01	DPP	15,200,000										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
District of Columbia													
Dept of Navy/Navsea S C	01	OCE	23,047										
Dpt of Trans-Maritime Adm	01	OCE	54,718										
George Washington Univ	01	EAR	20,000										
Inc Res Inst Seismology	01	EAR	1,930,000										
Joint Ocean Insts Inc	01	OCE	34,411,297										
Library of Congress	01	DPP	94,739										
Mineralogical Soc of Amer	01	EAR	10,000										
NASA	01	DPP	40,403										
Nat Acad Sci-Nat Res Cnl	01	ATM	12,000	DPP	85,680	EAR	90,000	OCE	114,644				
Nat Acad of Sciences	01	ATM	129,631	DPP	208,274	EAR	125,000	GEO	150,739				
Natl Oceanic Atmos Admin	01	ATM	157,810	DPP	13,200	OCE	266,590						
Navy-Natl Navy Med Center	01	DPP	1										
Smithsonian Institution	01	DPP	169,992										
Toborg Associates Inc	01	DPP	79,836										

DIRECTORATE TOTALS: \$AMOUNT: 107,900,520

NUMBER OF AWARDS: 47

DIRECTORATE FOR ENGINEERING

AIA/ACSA The Joint Council	01	CES	120,843										
Amer Assoc For Advt Sci	01	ENG	2,000										
Amer Geophysical Union	01	CES	5,000	MSM	5,000								
Amer Soc of Mech Eng	01	DMC	31,000	MSM	221,049								
George Washington Univ	01	CBT	18,270	CES	191,919	ECS	257,777	MSM	146,620				
Howard University	01	ECS	17,500										
Inc Res Inst Seismology	01	CDR	45,000										
Individual Award	01	CDR	23,964										
Nat Acad Sci-Nat Res Cnl	01	CBT	142,800	CDR	121,110	CES	126,812	ECE	93,000	ENG	35,000	MSM	42,000
Nat Acad of Sciences	01	ENG	58,231										
Nat Bureau of Standards	01	CES	5,000										
Optical Soc of America	01	CDR	4,000	ECE	10,000	ECS	8,000						
Travel Award	01	CES	7,407	MSM	2,027								

DIRECTORATE TOTALS: \$AMOUNT: 1,741,329

NUMBER OF AWARDS: 39

DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Amer Assoc For Advt Sci	01	BNS	2,000										
Amer Psychological Assoc	01	BNS	7,500										
Amer Soc For Microbiology	01	BSR	3,020	DMB	10,000								
Amer Sociological Assoc	01	SES	20,000										
Amer Statistical Assoc	01	SES	486,200										
American University	01	BNS	60,000										
Assoc of Amer Geographers	01	SES	12,000										
Brookings Institution	01	SES	20,000										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
District of Columbia													
Bureau of Soc Sci Res	01	SES	15,000										
Bureau of the Census	01	SES	16,500										
Child Trends Inc	01	SES	190,752										
Ctr for Appl Linguistics	01	BNS	50,015										
George Wash Univ Med Ctr	01	BNS	116,504	DCB	129,275								
George Washington Univ	01	BNS	110,508	BSR	85,000	DCB	69,026	DMB	45,000	SES	11,600		
Georgetown Univ Sch Med	01	DMB	45,758										
Georgetown University	01	BNS	55,000	DCB	185,000	DMB	34,000	SES	31,970				
Howard Univ Col of Med	01	BSR	138,178	DCB	78,500								
Howard University	01	DCB	50,000										
Individual Award	01	BNS	5,000	BSR	950,400	DCB	31,000	SES	137,771				
Linguistic Soc of America	01	BNS	5,000										
Nat Acad Sci-Nat Res Cnl	01	BNS	6,664	BSR	33,000	DCB	37,128	SES	134,270				
Nat Acad of Sciences	01	BBS	273,164	BNS	41,255	DCB	167,400	DMB	23,800	SES	403,353		
Nat Endow For Humanities	01	BNS	26,946										
Natl Institutes of Health	01	BSR	2,000	DMB	80,000								
Smithsonian Institution	01	BNS	91,038	BSR	100,000								
Soc For Dev Biol	01	DCB	6,000										
Soc of Amer Foresters	01	BSR	14,950										

DIRECTORATE TOTALS: \$AMOUNT: 4,648,445

NUMBER OF AWARDS: 78

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Amer Assoc For Advt Sci	01	MDR	70,737	SEE	27,663								
Amer Psychological Assoc	01	MDR	98,980										
Assn of Science-Tech Ctrs	01	MDR	79,635										
Cosmos Corporation	01	TEI	149,848										
Council Chief St Sch Off	01	SPA	212,483										
Department of Education	01	MDR	474,975	SPA	115,000								
Fellowships	01	RCD	957,000										
Friendship Educational Cn	01	TEI	5,000										
Gallaudet University	01	SEE	192,238	TEI	252,888								
Georgetown Univ Sch Med	01	TEI	82,666										
Howard University	01	RCD	16,350										
Inst for Indep Educ Inc	01	TEI	85,417										
Math Assn of America	01	MDR	327,702										
Nat Acad Sci-Nat Res Cnl	01	RCD	1,270,210	SEE	310,682	SPA	136,454						
Nat Bureau of Standards	01	MDR	4,000										
Nat Science Tchrs Assoc	01	TEI	539,784										
National Public Radio	01	MDR	10,000										
Smithsonian Institution	01	MDR	10,313										
St Albans School	01	TEI	5,000										
Student Pugwash USA	01	SEE	5,000										

DIRECTORATE TOTALS: \$AMOUNT: 5,440,025

NUMBER OF AWARDS: 72

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
District of Columbia													
STATE TOTALS:			\$AMOUNT: 129,756,151				NUMBER OF AWARDS: 342						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Florida

DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

Fla International Univ	17	DMS	30,900										
Florida A&M University	02	PHY	26,911										
Florida Atlantic Univ	14	CHE	125,720	DMS	11,750								
Florida State University	02	CHE	397,177	DMR	142,700	DMS	92,998	PHY	1,616,092				
Univ of South Florida	07	DMR	85,000	DMS	29,166								
University of Florida	06	AST	51,200	CHE	797,148	DMR	1,139,800	DMS	124,791	PHY	101,551		
University of Miami	19	CHE	126,000	DMS	127,800								

DIRECTORATE TOTALS: \$AMOUNT: 5,026,704 NUMBER OF AWARDS: 59

DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Applied Technology Assoc	11	ISI	83,768										
Datawise Incorporated	05	ISI	40,000										
Essex Corp Florida	05	ISI	103,809										
Florida State University	02	INT	17,866										
U of Fla Eng&Ind Exp Sta	06	INT	15,815										
U of Miami Sch Mar&Atmos	19	INT	16,000										
Univ of South Florida	07	INT	23,310	RII	8,975								
University of Florida	06	INT	78,752	SRS	23,396								
University of Miami	19	INT	272,864										

DIRECTORATE TOTALS: \$AMOUNT: 684,555 NUMBER OF AWARDS: 20

DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Florida State University	02	ASC	1,300	IRI	35,721								
U of Fla Eng&Ind Exp Sta	06	DCR	20,498										
University of Miami	19	DCI	45,500	DCR	63,943								

DIRECTORATE TOTALS: \$AMOUNT: 166,962 NUMBER OF AWARDS: 4

DIRECTORATE FOR GEOSCIENCES

Fla International Univ	17	EAR	74,000										
Florida Atlantic Univ	14	ATM	76,400										
Florida State University	02	ATM	894,321	DPP	267,992	EAR	96,547	OCE	539,964				
Harbor Branch Foundation	12	OCE	73,495										
Nova Univ Ocean Sci Ctr	16	OCE	524,989										
Nova University	16	OCE	31,675										
U of Fla Fla St Museum	06	EAR	21,300										
U of Miami Sch Mar&Atmos	19	ATM	611,536	DPP	86,632	EAR	227,668	OCE	4,367,378				

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Florida													
Univ S Fla Marine Sc Inst	08	EAR	48,772	OCE	148,728								
Univ of South Florida	07	DPP	127,053	EAR	98,944	OCE	352,032						
University of Florida	06	DPP	2,908	EAR	182,562								
University of Miami	19	ATM	70,000										
University of Tampa	07	OCE	82,279										
DIRECTORATE TOTALS:			\$AMOUNT:	9,007,175	NUMBER OF AWARDS:			86					
DIRECTORATE FOR ENGINEERING													
Florida Atlantic Univ	14	CES	158,131	DMC	29,955	MSM	30,666						
U of Fla Eng&Ind Exp Sta	06	CDR	18,500	ECS	186,714								
Univ of Central Florida	11	MSM	81,919										
Univ of South Florida	07	ECS	54,159										
University of Florida	06	CBT	444,587	CDR	161,800	DMC	150,979	ECE	10,066	ECS	103,691	MSM	141,500
University of Miami	19	CBT	36,675	ECS	50,000	ENG	21,381						
DIRECTORATE TOTALS:			\$AMOUNT:	1,680,723	NUMBER OF AWARDS:			27					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Archbold Biological Statn	12	BSR	70,000										
Fla International Univ	17	DCB	82,000										
Florida State University	02	BNS	196,459	BSR	246,970	DCB	74,429	DMB	575,095	SES	106,393		
Harbor Branch Foundation	12	BSR	74,983										
Individual Award	00	DMB	52,800										
Inst Cult Ecology Tropics	07	BNS	39,999										
Newfound Harbor Mar Inst	19	BSR	52,000										
Tall Timbers Res Inc	02	BSR	35,490										
The Osprey Company	02	SES	4,500										
U of Miami Sch Mar&Atmos	19	BNS	88,500	BSR	3,500								
Univ S Fla Marine Sc Inst	08	BSR	94,824										
Univ of Central Florida	11	DCB	50,000										
Univ of Fla Col of Med	06	DCB	288,846										
Univ of Miami Sch of Med	18	BNS	170,002	DCB	279,800	DMB	20,000						
Univ of South Florida	07	BNS	35,599	DCB	152,116								
Univ of West Fla	01	DCB	87,000										
University of Florida	06	BNS	531,816	BSR	757,697	DCB	377,369	DMB	233,868	SES	39,942		
University of Miami	19	BNS	41,269	DCB	84,000	DMB	90,000						
University of Tampa	07	BSR	59,801										
DIRECTORATE TOTALS:			\$AMOUNT:	5,097,067	NUMBER OF AWARDS:			89					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Florida													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Bethune-Cookman Col	04	CSI	13,596										
Eckerd College	08	CSI	6,810										
Embry-Riddle Aero Univ	04	CSI	32,685										
Florida State University	02	RCD	49,050										
Jacksonville Univ	03	CSI	8,929										
Jefferson Comprehensive H	07	TEI	5,000										
Rock Lake Middle School	05	TEI	5,000										
Rollins College	05	CSI	50,000										
Univ of Central Florida	11	RCD	16,350										
Univ of South Florida	07	RCD	48,380										
University of Florida	06	RCD	114,450										
DIRECTORATE TOTALS:			\$AMOUNT:	350,250	NUMBER OF AWARDS:			11					
STATE TOTALS:			\$AMOUNT:	22,013,436	NUMBER OF AWARDS:			296					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
France													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Inst Des Hautes Etude Sci	OO	DMS	50,500	PHY	2,500								
DIRECTORATE TOTALS:			\$AMOUNT:	53,000	NUMBER OF AWARDS:			1					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Inst Des Hautes Etude Sci	OO	INT	10,000										
DIRECTORATE TOTALS:			\$AMOUNT:	10,000	NUMBER OF AWARDS:			0					
STATE TOTALS:			\$AMOUNT:	63,000	NUMBER OF AWARDS:			1					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Georgia

DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

Atlanta Univ Center Inc	05	CHE	78,072										
Emory University	04	CHE	474,137	DMR	45,000	DMS	54,838						
Ga Inst Tech Main Campus	05	CHE	252,900	DMR	174,400	DMS	176,655	PHY	69,072				
Ga Tech Research Corp	05	CHE	63,000	DMS	24,700								
Georgia State University	05	AST	198,300	CHE	20,000								
Southern Col Technology	07	PHY	8,000										
Univ of Ga Res Fdn Inc	10	CHE	163,698	DMR	60,000	DMS	201,850	PHY	74,881				
University of Georgia	10	DMR	39,100	DMS	111,150								

DIRECTORATE TOTALS:	\$AMOUNT:	2,289,753	NUMBER OF AWARDS:	47
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DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Atlanta University	05	RII	510,043										
Ga Inst Tech Main Campus	05	INT	9,350										
Morehouse College	05	RII	19,093										
Morehouse Sch of Medicine	05	RII	52,297										
Skidaway Inst of Oceangry	01	INT	61,690										
Univ of Ga Res Fdn Inc	10	INT	21,250										
University of Georgia	10	INT	59,380										

DIRECTORATE TOTALS:	\$AMOUNT:	733,103	NUMBER OF AWARDS:	9
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DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Ga Inst Tech Main Campus	05	DCI	297,500	IRI	270,648								
Ga Tech Research Corp	05	IRI	27,600										
Univ of Ga Res Fdn Inc	10	ASC	109,500	CCR	50,000	DCR	127,913	IRI	129,703				

DIRECTORATE TOTALS:	\$AMOUNT:	1,012,864	NUMBER OF AWARDS:	10
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DIRECTORATE FOR GEOSCIENCES

Ga Inst Tech Main Campus	05	ATM	866,738										
Ga Tech Research Corp	05	ATM	173,700										
Morehouse College	05	EAR	242,150										
Skidaway Inst of Oceangry	01	EAR	31,598	OCE	529,215								
Spelman College	05	ATM	33,400										
Univ of Ga Marine Inst	01	OCE	67,134										
Univ of Ga Res Fdn Inc	10	EAR	118,300	OCE	71,000								
University of Georgia	10	EAR	83,706	OCE	8,200								

DIRECTORATE TOTALS:	\$AMOUNT:	2,225,141	NUMBER OF AWARDS:	25
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NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Georgia													
DIRECTORATE FOR ENGINEERING													
Emory University	04	CDR	20,000	ECS	51,628								
Ga Inst Tech Main Campus	05	CBT	295,688	CDR	150,000	CES	9,999	ECS	141,578	MSM	690,180		
Ga Tech Research Corp	05	CBT	5,000	CES	131,498								
Univ of Ga Res Fdn Inc	10	CES	34,994										
DIRECTORATE TOTALS:			\$AMOUNT:	1,530,565	NUMBER OF AWARDS:			30					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Emory Univ Sch of Med	04	BNS	60,000										
Emory Univ Yerkes Reg Pri	04	BNS	9,474										
Emory University	04	BNS	321,239	DCB	89,000	DMB	167,000						
Georgia Southern College	01	DCB	40,000										
Georgia State University	05	DMB	204,616	SES	78,034								
Individual Award	00	DMB	52,942										
Med Col Ga Res Inst Inc	10	BNS	67,446										
Mercer University	08	BNS	66,000										
Morehouse Sch of Medicine	05	DCB	79,307										
Univ of Ga Marine Inst	01	BSR	116,240										
Univ of Ga Res Fdn Inc	10	BNS	50,000	BSR	1,603,906	DCB	597,783	DMB	628,687				
University of Georgia	10	BNS	60,000	BSR	649,414	DMB	772,175						
DIRECTORATE TOTALS:			\$AMOUNT:	5,713,263	NUMBER OF AWARDS:			68					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Atlanta University	05	RCD	15,000										
Emory University	04	RCD	16,350										
Ga Inst Tech Main Campus	05	RCD	193,970										
Georgia State University	05	MDR	306,548										
Individual Award	00	RCD	17,100										
Newnan High School	06	TEI	5,000										
SE Consortium Minorit Eng	05	TEI	221,970										
Southern Col Technology	07	CSI	50,000										
Spelman College	05	CSI	22,142										
Univ of Ga Res Fdn Inc	10	MDR	367,754	RCD	32,700	TEI	542,355						
Valdosta State College	02	CSI	11,587										
Walton High School	07	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	1,807,476	NUMBER OF AWARDS:			15					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Georgia

STATE TOTALS:	\$AMOUNT:	15,312,165	NUMBER OF AWARDS:	204
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Germany, Federal Republic of													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Heidelberg Middle School	OO	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	5,000	NUMBER OF AWARDS:			1					
STATE TOTALS:			\$AMOUNT:	5,000	NUMBER OF AWARDS:			1					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Guam													
DIRECTORATE FOR GEOSCIENCES													
University of Guam	O1	OCE	122,599										
DIRECTORATE TOTALS:			\$AMOUNT:	122,599		NUMBER OF AWARDS:	1						
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
University of Guam	O1	BSR	11,000										
DIRECTORATE TOTALS:			\$AMOUNT:	11,000		NUMBER OF AWARDS:	1						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
St John's School	O1	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	5,000		NUMBER OF AWARDS:	1						
STATE TOTALS:			\$AMOUNT:	138,599		NUMBER OF AWARDS:	3						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Hawaii													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Univ of Hawaii Manoa	01	AST	347,600	CHE	526,922	DMS	92,700						
Univ of Hawaii System Off	01	AST	69,200										
DIRECTORATE TOTALS:			\$AMOUNT:	1,036,422	NUMBER OF AWARDS:			20					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Aquacultural Concepts Inc	02	ISI	39,291										
Univ of Hawaii Manoa	01	INT	60,442										
DIRECTORATE TOTALS:			\$AMOUNT:	99,733	NUMBER OF AWARDS:			6					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Univ of Hawaii Manoa	01	DCI	54,000										
DIRECTORATE TOTALS:			\$AMOUNT:	54,000	NUMBER OF AWARDS:			1					
DIRECTORATE FOR GEOSCIENCES													
Univ of Hawaii Manoa	01	ATM	238,191	DPP	115,279	EAR	388,402	OCE	4,263,112				
Univ of Hawaii System Off	01	ATM	303,300										
DIRECTORATE TOTALS:			\$AMOUNT:	5,308,284	NUMBER OF AWARDS:			43					
DIRECTORATE FOR ENGINEERING													
Univ of Hawaii Manoa	01	CBT	182,053	CES	68,699								
Univ of Hawaii System Off	01	ENG	31,000										
DIRECTORATE TOTALS:			\$AMOUNT:	281,752	NUMBER OF AWARDS:			4					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Bernice P Bishop Museum	01	BNS	63,800	BSR	246,036								
Univ of Hawaii Manoa	01	BNS	213,708	BSR	744,435	DCB	587,466						
DIRECTORATE TOTALS:			\$AMOUNT:	1,855,445	NUMBER OF AWARDS:			26					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Hawaii													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Aiea High School	01	TEI	5,000										
Kamehameha Secondary Sch	01	TEI	5,000										
Univ of Hawaii Manoa	01	RCD	16,350	TEI	81,029								
DIRECTORATE TOTALS:		\$AMOUNT:		107,379		NUMBER OF AWARDS:		4					
STATE TOTALS:		\$AMOUNT:		8,743,015		NUMBER OF AWARDS:		104					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Idaho															
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN															
University of Idaho	01	CHE	145,600	PHY	6,003										
DIRECTORATE TOTALS:			\$AMOUNT:	151,603			NUMBER OF AWARDS:	3							
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS															
Boise State University	02	INT	7,000												
Inter Aquaculture Res Ct	02	ISI	15,543												
DIRECTORATE TOTALS:			\$AMOUNT:	22,543			NUMBER OF AWARDS:	2							
DIRECTORATE FOR ENGINEERING															
Idaho State University	02	ENG	47,900												
University of Idaho	01	CBT	139,644	CES	69,300	MSM	30,000								
DIRECTORATE TOTALS:			\$AMOUNT:	286,844			NUMBER OF AWARDS:	6							
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE															
University of Idaho	01	SES	37,559												
DIRECTORATE TOTALS:			\$AMOUNT:	37,559			NUMBER OF AWARDS:	1							
DIRECT FOR SCIENCE & ENGINEERING EDUCAT															
Boise High School	02	TEI	5,000												
Moscow High School	01	TEI	5,000												
DIRECTORATE TOTALS:			\$AMOUNT:	10,000			NUMBER OF AWARDS:	2							
STATE TOTALS:			\$AMOUNT:	508,549			NUMBER OF AWARDS:	14							

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Illinois

DIRECTORATE FOR ADMINISTRATION

Rose & Crangle Ltd	07	DPM	9,438										
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DIRECTORATE TOTALS:		\$AMOUNT:	9,438			NUMBER OF AWARDS:	1
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DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

Argonne National Lab	13	DMR	4,000										
Assoc For Symbolic Logic	19	DMS	10,000										
Augustana Col	17	DMR	32,600										
Depaul University	07	DMS	22,862										
Eastern Illinois Univ	19	CHE	32,800										
Illinois Inst of Tech	01	CHE	68,000	DMR	52,400	DMS	46,400	PHY	153,462				
Illinois State Univ	15	CHE	57,000										
Individual Award	00	DMS	330,400										
Northern Illinois Univ	14	DMR	165,000	DMS	58,967								
Northwestern University	09	CHE	1,372,858	DMR	3,976,900	DMS	641,690	PHY	134,000				
Southern Ill U Carbondale	22	DMS	68,592										
Southn Ill U Edwardsville	21	CHE	75,189										
Univ of Ill Chicago Cir	07	DMS	70,700										
Univ of Ill at Chicago	19	CHE	497,853	DMR	247,600	DMS	454,859	PHY	325,000				
Univ of Illinois Urbana	19	AST	590,200	CHE	2,330,249	DMR	5,437,100	DMS	1,059,035	PHY	5,283,242		
University of Chicago	01	AST	640,800	CHE	2,312,476	DMR	2,465,700	DMS	1,398,218	PHY	3,537,706		

DIRECTORATE TOTALS:		\$AMOUNT:	33,953,858			NUMBER OF AWARDS:	286
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DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Amer Inst Indian Studies	01	INT	208,200										
Eltron Research Inc	04	ISI	269,055										
Field Mus of Natural Hist	07	INT	15,000										
Gravi-Mechanics Co	14	ISI	39,954										
Illinois State Univ	15	INT	9,983										
Market Facts Inc	07	SRS	70,398										
Nat Opinion Research Ctr	01	INT	6,772										
Northern Illinois Univ	14	INT	16,035	SRS	69,600								
Northwestern University	09	INT	56,151	RII	9,955								
Rokach Engineering	11	ISI	39,320										
SIRAD Inc	17	ISI	25,773										
Sonoscan Inc	06	ISI	188,635										
Southern Ill U Carbondale	22	INT	14,077										
Travel Award	00	INT	2,700										
Univ of Ill at Chicago	19	INT	87,609										
Univ of Illinois Urbana	19	INT	41,520										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Illinois													
University of Chicago	01	INT	41,385										
DIRECTORATE TOTALS:			\$AMOUNT:	1,212,122	NUMBER OF AWARDS:			33					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Northwestern University	09	ASC	3,500	DCR	158,098	IRI	366,057						
Univ of Ill at Chicago	19	DCI	108,738										
Univ of Illinois Urbana	19	ASC	7,465,000	DCI	497,467	DCR	595,612	IRI	256,608	MIP	270,000		
University of Chicago	01	ASC	10,000	DCR	379,238								
DIRECTORATE TOTALS:			\$AMOUNT:	10,110,318	NUMBER OF AWARDS:			34					
DIRECTORATE FOR GEOSCIENCES													
Augustana Col	17	DPP	17,871										
Northern Illinois Univ	14	ATM	35,355	DPP	38,739								
Northwestern University	09	EAR	541,480										
Univ of Ill at Chicago	19	DPP	35,660										
Univ of Illinois Urbana	19	ATM	1,951,461	DPP	157,642	EAR	452,497						
University of Chicago	01	ATM	1,047,900	DPP	38,729	EAR	896,400	DCE	100,000				
DIRECTORATE TOTALS:			\$AMOUNT:	5,313,734	NUMBER OF AWARDS:			61					
DIRECTORATE FOR ENGINEERING													
Bradley University	18	ECS	65,000										
Illinois Inst of Tech	01	CBT	262,395	CDR	78,765	CES	101,648	ENG	134,944	MSM	100,986		
Northwestern University	09	CBT	329,228	CDR	223,784	CES	132,538	ECE	150,183	ECS	131,257	MSM	371,151
Southern Ill U Carbondale	22	ENG	15,000										
Univ of Ill at Chicago	19	CBT	30,000	ECE	131,810	ECS	39,944	MSM	118,242				
Univ of Illinois Urbana	19	CBT	714,402	CDR	2,076,575	CES	1,038,820	DMC	215,500	ECS	656,208	MSM	776,554
University of Chicago	01	CDR	90,500	ECS	30,000								
DIRECTORATE TOTALS:			\$AMOUNT:	8,015,334	NUMBER OF AWARDS:			88					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Assoc For Symbolic Logic	19	SES	41,306										
Augustana Col	17	SES	7,500										
Depaul University	07	SES	14,041										
East Asian His Sci Trust	07	SES	56,655										
Eastern Illinois Univ	19	DCB	35,000	DMB	25,000								

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Illinois													
Field Mus of Natural Hist	07	BNS	160,240	BSR	495,392								
Ill St Museum	20	BNS	31,815										
Illinois Inst of Tech	01	DMB	93,000										
Illinois State Univ	15	DCB	70,223										
Loyola Univ of Chicago	07	BNS	98,376	DMB	50,000								
Nat Opinion Research Ctr	01	SES	1,197,952										
Northern Illinois Univ	14	BNS	49,978	DMB	115,000								
Northwestern University	09	BNS	293,402	BSR	29,500	DCB	227,340	DMB	423,006	SES	465,045		
Northwestern U Chicago	07	BNS	70,000										
Northwestern U Medical Sch	07	BNS	60,000	BSR	38,000	DCB	67,162						
Rush-Pres St Luke Med Ctr	07	BNS	50,900										
Southern Ill U Carbondale	22	BNS	53,600	BSR	4,226	DCB	110,080	SES	5,000				
U of Hlth Sci Chi Med Sch	10	DCB	5,375										
Univ of Ill Chicago Cir	07	SES	53,960										
Univ of Ill at Chicago	19	BNS	117,001	BSR	201,000	DCB	148,250	DMB	120,000	SES	58,527		
Univ of Illinois Urbana	19	BNS	701,314	BSR	948,689	DCB	648,033	DMB	1,123,363	SES	714,247		
University of Chicago	01	BNS	340,520	BSR	461,219	DCB	319,656	DMB	228,000	SES	428,612		
Western Illinois Univ	17	BSR	58,715										

DIRECTORATE TOTALS: \$AMOUNT: 11,115,220

NUMBER OF AWARDS: 189

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Adlai E Stevenson H S	10	TEI	5,000										
Bradley University	18	CSI	27,237										
Council For Adv Sci Writ	07	MDR	26,214										
Illinois Benedictine Col	13	CSI	17,905										
Illinois State Univ	15	RCD	16,350	TEI	146,476								
Illinois Wesleyan Univ	15	CSI	7,627										
Individual Award	00	RCD	34,200										
Naperville North High Sch	13	TEI	5,000										
Northeastern Ill Univ	11	TEI	148,792										
Northern Illinois Univ	14	MDR	162,383	SPA	150,000								
Northwestern University	09	RCD	122,670										
Roosevelt Univ	07	CSI	26,570										
Southern Ill U Carbondale	22	RCD	16,350	TEI	365,990								
Southn Ill U Edwardsville	21	TEI	191,637										
Univ of Ill at Chicago	19	TEI	42,690										
Univ of Illinois Urbana	19	MDR	228,930	RCD	442,744	SEE	71,844						
University of Chicago	01	MDR	376,708	RCD	602,400								
Western Illinois Univ	17	CSI	17,000										

DIRECTORATE TOTALS: \$AMOUNT: 3,252,717

NUMBER OF AWARDS: 28

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Illinois

STATE TOTALS:	\$AMOUNT:	72,982,741	NUMBER OF AWARDS:	720
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
India													

DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Bhagalpur University	99	INT	49,984
Indian Inst Tec New Delhi	00	INT	25,192
Indian Inst Tech Kanpur	00	INT	76,613
Indian Inst of Science	99	INT	96,339
Jawaharlal Nehru Univ	99	INT	164,331
Steel Authority India Ltd	00	INT	29,504
University of Delhi	99	INT	267,020

DIRECTORATE TOTALS: \$AMOUNT: 708,983

NUMBER OF AWARDS: 9

STATE TOTALS: \$AMOUNT: 708,983

NUMBER OF AWARDS: 9

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Indiana													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Council of Biol Editors	03	CHE	55,000										
Ind U Purdue U Indnpls	10	DMR	35,500	DMS	19,700								
Indiana Univ Bloomington	08	AST	181,500	CHE	1,791,894	DMR	90,600	DMS	396,218	PHY	7,844,214		
Individual Award	00	DMS	3,600										
Purdue University	07	CHE	1,495,473	DMR	2,191,700	DMS	1,207,980	PHY	71,000				
U of Notre Dame	03	AST	15,090	CHE	263,100	DMS	190,900	PHY	1,642,784				
Wabash College	07	CHE	50,000										
DIRECTORATE TOTALS:			\$AMOUNT:	17,546,253	NUMBER OF AWARDS:			139					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Ind U Purdue U Indnpls	10	INT	9,781	PRA	24,611								
Indiana Univ Bloomington	08	INT	32,192	RII	9,967								
Purdue University	07	INT	115,799	ISI	12,642								
U of Notre Dame	03	INT	11,178										
DIRECTORATE TOTALS:			\$AMOUNT:	216,170	NUMBER OF AWARDS:			12					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Ball St Univ	02	DCR	9,364										
Ind U Purdue U Indnpls	10	IRI	37,243										
Indiana Univ Bloomington	08	ASC	5,000	DCR	1,132,206								
Purdue University	07	ASC	873,000	DCI	141,894	DCR	276,204	IRI	90,414				
DIRECTORATE TOTALS:			\$AMOUNT:	2,565,325	NUMBER OF AWARDS:			22					
DIRECTORATE FOR GEOSCIENCES													
Ind U Purdue U Indnpls	10	EAR	48,900										
Indiana Univ Bloomington	08	EAR	118,400										
Purdue Univ Calumet	01	EAR	24,600										
Purdue University	07	ATM	393,068	DPP	179,636	EAR	140,225						
DIRECTORATE TOTALS:			\$AMOUNT:	904,829	NUMBER OF AWARDS:			15					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Indiana													
DIRECTORATE FOR ENGINEERING													
Indiana Univ Bloomington	08	CES	25,814										
National Consortium GEM	03	ENG	25,000										
Purdue University	07	CBT	1,384,502	CDR	2,079,452	CES	199,256	DMC	204,439	ECE	29,000	ECS	734,435
		MSM	496,411										
U of Notre Dame	03	CET	314,844	DMC	50,100	ECS	76,068	MSM	76,896				
DIRECTORATE TOTALS:			\$AMOUNT:	5,696,217	NUMBER OF AWARDS:			66					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Ind U Purdue U Indnpls	10	DCB	53,450										
Ind U-Pur U-Indpls S Med	10	DMB	80,000										
Indiana Central Univ	02	BNS	23,018										
Indiana Univ Bloomington	08	BNS	178,220	BSR	444,957	DCB	436,947	DMB	443,857	SES	289,588		
Individual Award	00	DCB	105,600										
Purdue Research Fdn	07	BNS	6,100	DMB	52,000								
Purdue University	07	BNS	433,523	BSR	103,403	DCB	556,112	DMB	1,131,757	SES	19,432		
U of Notre Dame	03	BSR	10,550	DCB	197,000	DMB	23,500	SES	102,448				
DIRECTORATE TOTALS:			\$AMOUNT:	4,691,462	NUMBER OF AWARDS:			78					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Agency for Instrcnl techn	08	MDR	223,768										
Ball St Univ	02	TEI	236,498										
Earlham College	02	CSI	14,995										
Indiana State University	07	RCD	16,350										
Indiana Univ Bloomington	08	RCD	122,390										
Indiana Univ South Bend	03	CSI	19,403										
Lawrence Central High Sch	10	TEI	5,000										
National Consortium GEM	03	MDR	25,000	RCD	49,194								
Purdue University	07	RCD	228,120	SEE	72	TEI	148,750						
Rose-Hulman Inst of Tech	07	CSI	6,800										
Tri-State University	04	CSI	12,390										
Valparaiso High School	05	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	1,113,730	NUMBER OF AWARDS:			16					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE
NSF DIRECTORATE
INSTITUTION

CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Indiana

STATE TOTALS:

\$AMOUNT:

32,733,986

NUMBER OF AWARDS:

348

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Iowa													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Coe College	02	DMR	6,800										
Drake Univ	04	PHY	16,449										
Grinnell Col	03	CHE	137,000										
Iowa St U Science & Tech	04	CHE	786,627	DMR	251,800	DMS	15,000						
Univ of Iowa	03	AST	90,600	CHE	420,010	DMS	206,865						
DIRECTORATE TOTALS:			\$AMOUNT:	1,931,151	NUMBER OF AWARDS:			31					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Iowa St U Science & Tech	04	INT	6,250										
Univ of Iowa	03	INT	53,934										
DIRECTORATE TOTALS:			\$AMOUNT:	60,184	NUMBER OF AWARDS:			5					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Iowa St U Science & Tech	04	DCR	29,800										
Univ of Iowa	03	IRI	57,828										
DIRECTORATE TOTALS:			\$AMOUNT:	87,628	NUMBER OF AWARDS:			3					
DIRECTORATE FOR GEOSCIENCES													
Iowa St U Science & Tech	04	ATM	238,394	EAR	53,000								
Soc of Econ Paleontl & Min	03	EAR	11,250										
Univ of Iowa	03	ATM	302,500	EAR	60,400								
DIRECTORATE TOTALS:			\$AMOUNT:	665,544	NUMBER OF AWARDS:			11					
DIRECTORATE FOR ENGINEERING													
Iowa St U Science & Tech	04	CBT	150,350	CDR	50,000	CES	72,230	DMC	12,500	ECE	30,000	ECS	62,500
		MSM	252,880										
Univ of Iowa	03	CBT	88,982	DMC	136,035	ECS	175,600	MSM	247,195				
DIRECTORATE TOTALS:			\$AMOUNT:	1,278,272	NUMBER OF AWARDS:			27					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Iowa													
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Botanical Soc of America	04	DCE	1,000										
Iowa St U Science & Tech	04	BNS	56,113	BSR	23,480	DCB	499,861	DMB	226,500				
Loras College	02	BSR	25,201	DCB	43,200								
U of Iowa Col of Med	03	BNS	85,984	DMB	70,000								
Univ of Iowa	03	BNS	291,119	BSR	363,249	DCB	274,055	DMB	73,080	SES	345,432		
DIRECTORATE TOTALS:			\$AMOUNT:	2,378,274	NUMBER OF AWARDS:			44					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Cedar Falls Sr H S	03	TEI	174,388										
Cornell Col	02	CSI	8,367										
Drake Univ	04	TEI	71,782										
George Washington S H S	02	TEI	5,000										
Grinnell Col	03	CSI	52,750										
Iowa St U Science & Tech	04	MDR	182,199	RCD	51,870	TEI	54,273						
Luther College	03	CSI	10,875										
Miller Junior High School	03	TEI	5,000										
Univ of Iowa	03	MDR	18,785	RCD	13,580	TEI	321,665						
Univ of Northern Iowa	03	TEI	178,146										
DIRECTORATE TOTALS:			\$AMOUNT:	1,148,680	NUMBER OF AWARDS:			16					
STATE TOTALS:			\$AMOUNT:	7,549,733	NUMBER OF AWARDS:			137					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Kansas													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Kansas State University	02	CHE	511,469	DMR	108,600	DMS	23,950						
U of Kansas Main Campus	02	AST	31,700	CHE	284,980	DMS	97,200	PHY	151,000				
Wichita State University	04	DMR	37,700										
DIRECTORATE TOTALS:			\$AMOUNT:	1,246,599		NUMBER OF AWARDS:			19				
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Kansas State University	02	INT	30,050										
Neosho Construction Co	05	ISI	39,125										
DIRECTORATE TOTALS:			\$AMOUNT:	69,175		NUMBER OF AWARDS:			2				
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Kansas State University	02	DCR	121,358										
U of Kansas Main Campus	02	DCI	62,500	IRI	131,508								
DIRECTORATE TOTALS:			\$AMOUNT:	315,366		NUMBER OF AWARDS:			4				
DIRECTORATE FOR GEOSCIENCES													
U Kansas Ctr Research Inc	02	DPP	216,831	EAR	126,100								
U of Kansas Main Campus	02	EAR	252,055										
DIRECTORATE TOTALS:			\$AMOUNT:	594,986		NUMBER OF AWARDS:			6				
DIRECTORATE FOR ENGINEERING													
Kansas State University	02	CBT	109,900	CES	62,351	ECE	29,944	MSM	110,272				
DIRECTORATE TOTALS:			\$AMOUNT:	312,467		NUMBER OF AWARDS:			5				
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Kansas State University	02	BSR	378,473	DCB	168,000	SES	30,000						
U of Kansas Main Campus	02	BNS	109,226	BSR	751,512	DMB	116,000	SES	69,342				
Univ of Kansas Med Center	03	BSR	100,082										
DIRECTORATE TOTALS:			\$AMOUNT:	1,722,735		NUMBER OF AWARDS:			25				

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Kansas													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Garden City High School	01	TEI	5,000										
Kansas State University	02	RCD	32,700										
Queen of the Holy Rosary	03	TEI	5,000										
U of Kansas Main Campus	02	RCD	56,600										
Washburn Univ of Topeka	02	CSI	34,624										
Wichita State University	04	TEI	248,049										
DIRECTORATE TOTALS:			\$AMOUNT:	381,973	NUMBER OF AWARDS:			6					
STATE TOTALS:			\$AMOUNT:	4,643,301	NUMBER OF AWARDS:			67					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Kentucky													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Individual Award	00	DMS	66,800										
Univ of Kentucky	06	DMR	107,700	DMS	188,600	PHY	454,784						
Univ of Louisville	03	DMR	64,000										
Western Kentucky Univ	02	PHY	31,500										
DIRECTORATE TOTALS:			\$AMOUNT:	913,384		NUMBER OF AWARDS:	21						
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Univ of Kentucky	06	INT	77,235	RII	833,919								
DIRECTORATE TOTALS:			\$AMOUNT:	911,154		NUMBER OF AWARDS:	3						
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Western Kentucky Univ	02	DCR	8,000										
DIRECTORATE TOTALS:			\$AMOUNT:	8,000		NUMBER OF AWARDS:	1						
DIRECTORATE FOR GEOSCIENCES													
Univ of Kentucky	06	EAR	37,500										
DIRECTORATE TOTALS:			\$AMOUNT:	37,500		NUMBER OF AWARDS:	1						
DIRECTORATE FOR ENGINEERING													
Kentucky Research Fdn	06	CES	89,700										
Univ of Kentucky	06	CBT	130,500	ECS	104,985	MSM	227,829						
Univ of Louisville	03	CES	65,137										
DIRECTORATE TOTALS:			\$AMOUNT:	618,151		NUMBER OF AWARDS:	9						
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
U of Louisville Res Fdn	03	DMB	92,000										
Univ of Kentucky	06	BNS	65,023	BSR	189,116	DCB	136,000	DMB	121,000	SES	211,966		
Univ of Louisville	03	DMB	78,000										
DIRECTORATE TOTALS:			\$AMOUNT:	893,105		NUMBER OF AWARDS:	17						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Kentucky

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Danville High School	06	TEI	5,000
Eastern Kentucky Univ	06	TEI	12,848
Murray State Univ	01	CSI	31,817
Oldham County High School	04	TEI	5,000
Thomas More Col	04	CSI	16,387
Univ of Louisville	03	RCD	16,350
Western Kentucky Univ	02	CSI	68,167

DIRECTORATE TOTALS: \$AMOUNT: 155,569

NUMBER OF AWARDS: 8

STATE TOTALS: \$AMOUNT: 3,536,863

NUMBER OF AWARDS: 60

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Louisiana													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
La St Univ Baton Rouge	06	AST	44,000	CHE	202,608	DMR	116,962	DMS	127,550	PHY	772,526		
Tulane University	02	CHE	41,000	DMR	30,300	DMS	92,400	PHY	34,614				
Univ of New Orleans	02	PHY	20,000										
Univ of Sthwstn Louisiana	07	DMS	9,000										
DIRECTORATE TOTALS:			\$AMOUNT:	1,490,960	NUMBER OF AWARDS:			30					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
La St Univ Baton Rouge	06	INT	13,245	RII	119,566								
Louisiana State U Sys Off	06	RII	9,564										
Southern U A&M Baton Rouge	08	RII	294,008										
DIRECTORATE TOTALS:			\$AMOUNT:	436,383	NUMBER OF AWARDS:			5					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
La St Univ Baton Rouge	06	IRI	15,750										
Tulane University	02	IRI	4,800										
Univ of Sthwstn Louisiana	07	DCI	153,477	DCR	47,294								
DIRECTORATE TOTALS:			\$AMOUNT:	221,321	NUMBER OF AWARDS:			5					
DIRECTORATE FOR GEOSCIENCES													
La St Univ Baton Rouge	06	DPP	105,159	EAR	148,262	OCE	162,000						
La Univ Marine Consortm	03	OCE	117,200										
McNeese State University	07	OCE	10,000										
Tulane University	02	ATM	50,000										
Univ of New Orleans	02	EAR	91,000										
DIRECTORATE TOTALS:			\$AMOUNT:	683,621	NUMBER OF AWARDS:			15					
DIRECTORATE FOR ENGINEERING													
La St Univ Baton Rouge	06	CBT	26,632	CES	38,713	MSM	1,173						
Univ of New Orleans	02	ECS	58,598										
DIRECTORATE TOTALS:			\$AMOUNT:	125,116	NUMBER OF AWARDS:			5					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Louisiana													
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
La St Univ Baton Rouge	06	BNS	70,448	BSR	423,271	DCB	93,000	DMB	131,300	SES	4,788		
La St Univ Medical Center	02	BNS	118,797	BSR	38,392	DCB	53,000						
Louisiana State U Sys Off	06	DMB	62,500										
Tulane Univ Delta Reg Pri	02	DMB	35,000										
Tulane University	02	BNS	87,763	DCB	76,000								
Univ of Sthwstn Louisiana	07	BSR	80,000	DCB	16,771								
DIRECTORATE TOTALS:			\$AMOUNT:	1,291,030	NUMBER OF AWARDS:			24					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Caddo Parish Middle Magne	04	TEI	5,000										
Grambling State Univ	05	CSI	18,876										
Louisiana State U Sys Off	06	RCD	9,750										
Pineville High School	08	TEI	5,000										
Southeastern La Univ	06	CSI	19,661										
Tulane University	02	RCD	25,825										
DIRECTORATE TOTALS:			\$AMOUNT:	84,112	NUMBER OF AWARDS:			7					
STATE TOTALS:			\$AMOUNT:	4,332,543	NUMBER OF AWARDS:			91					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Maine													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Bates College	02	CHE	5,500										
University Maine Orono	02	DMR	20,000										
DIRECTORATE TOTALS:			\$AMOUNT:	25,500			NUMBER OF AWARDS:	1					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Sea Run Inc	01	ISI	62,500										
University Maine Orono	02	INT	17,548										
DIRECTORATE TOTALS:			\$AMOUNT:	80,048			NUMBER OF AWARDS:	3					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
University Maine Orono	02	IRI	73,156										
DIRECTORATE TOTALS:			\$AMOUNT:	73,156			NUMBER OF AWARDS:	1					
DIRECTORATE FOR GEOSCIENCES													
Bigelow Lab For Ocean Scs	01	OCE	927,144										
University Maine Bangor	02	OCE	28,500										
University Maine Orono	02	ATM	89,800	DPP	501,228	OCE	86,312						
DIRECTORATE TOTALS:			\$AMOUNT:	1,632,984			NUMBER OF AWARDS:	20					
DIRECTORATE FOR ENGINEERING													
University Maine Orono	02	CBT	130,032										
DIRECTORATE TOTALS:			\$AMOUNT:	130,032			NUMBER OF AWARDS:	2					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Bates College	02	DMB	5,500										
Bowdoin College	01	BNS	109,997										
Colby College	01	SES	25,958										
Jackson Lab	02	BSR	139,700	DCB	90,500								
Mt Desert Island Biol Lab	02	BSR	103,055	DCB	68,144								
Penobscot Indian Nation	02	BNS	64,797										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Maine													
University Maine Bangor	02	BSR	9,500										
University Maine Orono	02	BSR	65,800	DCB	167,917	SES	20,000						
DIRECTORATE TOTALS:			\$AMOUNT:	870,868		NUMBER OF AWARDS:			16				
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Bates College	02	CSI	54,029										
Oxford Hills High School	02	TEI	5,000										
Presque Isle High School	02	TEI	5,000										
University Maine Orono	02	RCD	11,590										
DIRECTORATE TOTALS:			\$AMOUNT:	75,619		NUMBER OF AWARDS:			6				
STATE TOTALS:			\$AMOUNT:	2,888,207		NUMBER OF AWARDS:			49				

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Maryland													
OFFICE OF THE DIRECTOR													
Information Networks	08	OIS	78,297										
Price Williams & Assoc	08	OIS	109,000										
DIRECTORATE TOTALS:		\$AMOUNT:	187,297			NUMBER OF AWARDS:	3						
DIRECTORATE FOR ADMINISTRATION													
CLI Productions Inc	05	DPM	23,356										
Compton Associates	05	HEA	95,992										
DIRECTORATE TOTALS:		\$AMOUNT:	119,348			NUMBER OF AWARDS:	4						
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Amer Assoc of Phys Tchrs	05	PHY	45,100										
CSC Silver Spring	08	AST	17,600										
Johns Hop U-Sch of Med	07	CHE	87,000										
Johns Hopkins University	07	CHE	434,150	DMR	456,900	DMS	296,922	PHY	1,084,749				
Martin Marietta Corp	07	DMR	112,900										
U S Naval Academy	04	DMS	15,000										
Univ of Md Balt County	03	DMS	67,400										
Univ of Md College Park	05	AST	238,800	CHE	512,267	DMR	785,800	DMS	797,647	PHY	2,108,337		
Western Maryland Col	06	CHE	39,400										
DIRECTORATE TOTALS:		\$AMOUNT:	7,099,972			NUMBER OF AWARDS:	96						
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Amef Industries Inc	03	ISI	40,000										
Bus & Tech Systems Inc	05	ISI	108,228										
Capital Systems Group Inc	08	PRA	82,479										
Chemical Dynamics Corp	05	ISI	39,266										
Compression Telecomm Corp	08	ISI	40,000										
Dynamic In Situ Geotech	02	ISI	65,966										
HMJ Corporation	08	INT	20,000	ISI	190,000								
Individual Award	00	INT	22,700										
Johns Hopkins University	07	INT	90,500	RII	94,690								
Loyola College	03	PRA	10,000										
Martek Corporation	03	ISI	75,894										
Moshman Associates Inc	08	SRS	98,562										
Potomac Photonics	05	ISI	87,819										
Quantex Corporation	08	ISI	39,024										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Maryland													
Quantum Research Corp	08	SRS	296,976										
Univ of Md Balt Prof Schs	07	INT	19,950										
Univ of Md College Park	05	INT	103,336										
Westat Inc	08	ISI	46,046	SRS	16,000								
DIRECTORATE TOTALS:			\$AMOUNT:	1,587,436			NUMBER OF AWARDS:	28					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Johns Hopkins University	07	DCR	119,498										
Loyola College	03	DCI	10,000										
The Maxima Corporation	08	DCI	55,188										
Univ of Md College Park	05	ASC	105,853	DCI	245,605	DCR	1,606,232	IRI	101,831				
DIRECTORATE TOTALS:			\$AMOUNT:	2,244,207			NUMBER OF AWARDS:	18					
DIRECTORATE FOR GEOSCIENCES													
Applied Research Corp	05	ATM	53,600										
Johns Hop U Ches Bay Inst	04	OCE	729,616										
Johns Hopkins University	07	ATM	836,000	DPP	195,126	EAR	958,945	OCE	24,150				
NASA-Goddard Space Flight	05	DPP	109,150										
U Md Ctr Envir & Est Std	01	DPP	37,148	OCE	1,112,093								
U of Md Chesapeake Biol	01	OCE	93,256										
Univ of Md College Park	05	ATM	1,263,070	DPP	318,705	EAR	58,000	OCE	60,455				
V H Winston Inc	08	DPP	50,000										
DIRECTORATE TOTALS:			\$AMOUNT:	5,799,314			NUMBER OF AWARDS:	62					
DIRECTORATE FOR ENGINEERING													
Capital Systems Group Inc	08	ENG	130,943										
Johns Hopkins University	07	CBT	256,634	CDR	71,050	CES	169,557	ECS	62,500	MSM	165,754		
Loyola College	03	ECS	30,768										
NUS Corporation	08	CES	5,000	MSM	10,000								
Quantex Corporation	08	CBT	74,990										
Telemechanics Inc	05	CES	187,168										
The Maxima Corporation	08	ECS	253,878										
Towson State Univ	02	CES	30,000										
Univ of Md College Park	05	CBT	360,705	CDR	2,251,600	CEE	80,000	CES	100,000	DMC	470,020	ECE	272,713
		ECS	283,616	MSM	330,864								
Westat Inc	08	CDR	7,751										
DIRECTORATE TOTALS:			\$AMOUNT:	5,605,511			NUMBER OF AWARDS:	54					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Maryland													
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Amer Soc For Plant Physio	08	DMB	9,750										
Amer Type Culture Collect	08	BSR	343,449										
Fed of Amer Soc Exp Biol	08	BNS	4,000	DCB	6,500	DMB	2,500						
Goucher College	02	DMB	58,500										
Individual Award	00	SES	13,289										
John F Kennedy Institute	07	BNS	103,923										
Johns Hop U-Sch of Med	07	BNS	192,101	BSR	110,000	DCB	40,000	DMB	598,538				
Johns Hopkins University	07	BNS	224,725	BSR	122,218	DCB	460,000	DMB	305,000	SES	285,867		
Loyola College	03	DCB	66,000										
Tissue Culture Assoc	08	DCB	2,000										
U Md Ctr Envir & Est Std	01	BSR	110,000										
U of Md Chesapeake Biol	01	BSR	3,000										
Univ of Md Balt County	03	BNS	233,315	BSR	2,000	DCB	138,223	DMB	110,000	SES	40,816		
Univ of Md Balt Prof Schs	07	BNS	32,800	DCB	130,000	DMB	141,500						
Univ of Md College Park	05	BNS	177,472	BSR	502,445	DCB	68,966	DMB	247,317	SES	405,704		
University Research Fdn	05	BSR	83,793										
DIRECTORATE TOTALS:			\$AMOUNT:	5,375,711	NUMBER OF AWARDS:			91					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Amer Assoc of Phys Tchrs	05	TEI	497,340										
Anne Arundel Cty Learn Cn	04	TEI	5,000										
Hands-on-Sci Outreach Inc	08	MDR	76,488										
Hood College	06	CSI	8,235										
Howard County Chamber	03	TEI	79,924										
Individual Award	00	RCD	17,100										
Johns Hopkins University	07	MDR	9,312	RCD	458,130	SPA	80,784	TEI	146,948				
Loyola College	03	CSI	22,775										
MD Acad of Sciences	03	TEI	220,569										
Mace's Lane Middle School	01	TEI	5,000										
Maryland State Dept Edu	03	MDR	97,710										
Univ of Md Balt County	03	RCD	33,450										
Univ of Md College Park	05	RCD	65,400	TEI	86,781								
Washington College	01	CSI	7,123										
DIRECTORATE TOTALS:			\$AMOUNT:	1,918,069	NUMBER OF AWARDS:			21					
STATE TOTALS:			\$AMOUNT:	29,936,865	NUMBER OF AWARDS:			377					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE
NSF DIRECTORATE
INSTITUTION

CD DIV TOTAL \$ DIV TOTAL \$ DIV TOTAL \$ DIV TOTAL \$ DIV TOTAL \$ DIV TOTAL \$

Massachusetts

DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

Amherst College	01	DMS	45,400	PHY	35,000							
Assn For Women in Math	04	DMS	11,678									
Boston College	04	CHE	91,286									
Boston University	08	AST	254,800	CHE	175,030	DMR	282,500	DMS	172,550	PHY	648,039	
Brandeis University	08	AST	146,000	CHE	312,000	DMR	323,500	DMS	494,050	PHY	163,057	
Clark University	03	DMR	160,300	DMS	14,700	PHY	7,000					
Five Colleges Inc	01	DMS	60,200									
Harvard Univ Observatory	08	AST	451,921									
Harvard Univ Sch Pub Hlth	08	DMS	45,080									
Harvard University	08	AST	285,400	CHE	2,172,610	DMR	2,441,400	DMS	868,400	PHY	1,076,745	
Individual Award	00	DMS	396,000									
Manlabs Inc	08	DMR	127,300									
Mass Inst of Tech (MIT)	08	AST	470,300	CHE	2,628,950	DMR	11,801,400	DMS	1,465,426	PHY	2,491,630	
Northeast Radio Obs Corp	08	AST	1,310,000									
Northeastern University	08	CHE	84,813	DMR	257,400	DMS	211,750	PHY	1,060,849			
Smith College	01	DMS	36,500									
Smithsonian-Astrophysobs	09	DMR	90,000									
Southeastern Mass Univ	10	PHY	147,000									
Tufts University	07	CHE	50,000	DMR	71,000	DMS	59,648	PHY	82,418			
Univ of Mass Amherst	01	AST	1,058,100	CHE	205,240	DMR	1,854,300	DMS	370,253	PHY	514,060	
University of Lowell	05	DMR	173,100									
Wellesley Col	04	AST	29,930	CHE	38,200	DMS	17,300					
Williams College	01	DMR	25,500	PHY	22,000							
Woods Hole Ocean Inst	10	DMS	11,000									
Worcester Polytech Inst	03	DMS	14,150									

DIRECTORATE TOTALS:

\$AMOUNT: 37,914,163

NUMBER OF AWARDS: 281

DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

A/G Technology Corp	09	ISI	107,585									
ABT Associates Inc	09	ISI	38,745	PRA	327,384							
Aerodyne Research Inc	07	ISI	76,580									
Alphatech Inc	07	ISI	252,203									
Atmos & Environ Res Inc	08	ISI	38,908									
Boston University	08	INT	53,428									
Brandeis University	08	INT	68,922									
Cambridge Analytical Asso	08	ISI	40,000									
Cape Cod Research Inc	10	ISI	99,190									
Castle Technology Corp	07	ISI	93,481									
Charles River Assoc Inc	08	PRA	97,873									
Civil & Environ Tech Asso	08	ISI	39,947									
Covalent Associates Inc	07	ISI	40,000									
EIC Laboratories Inc	09	ISI	438,654									

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Massachusetts													
Eagle Engineering Inc	01	ISI	95,000										
F W Faxon Company Inc	09	INT	80,000										
Foster-Miller Inc	08	ISI	184,811										
Harvard Univ Observatory	08	INT	20,300										
Harvard Univ Sch Pub Hlth	08	INT	10,115										
Harvard University	08	INT	100,314	RII	10,000	SRS	102,102						
Ionomet Corporation	05	ISI	228,865										
Mass Inst of Tech (MIT)	08	INT	71,877	RII	122,864								
MilliTech Corporation	01	ISI	189,803										
Nanobeam Corporation	09	ISI	159,077										
Natl Bureau of Econ Res	08	INT	12,270	PRA	52,228	SRS	65,117						
Network Dynamics Inc	08	ISI	207,373										
New England Aquarium Corp	09	INT	6,500										
Northeastern University	08	INT	141,504										
Optima Systems Inc	07	ISI	218,292										
Phasex Corporation	07	ISI	190,000										
Physical Sciences Inc	05	ISI	187,725										
Research Consulting Assoc	07	ISI	39,590										
Scientific Systems Inc	08	ISI	332,120										
Seaver Eng Assoc (SEA)	10	ISI	39,599										
Smith College	01	INT	3,735										
Sparta Systems Inc	07	ISI	99,000										
Spire Corporation	05	ISI	219,764										
Technology & Mgmt Systems	07	PRA	44,573										
Tufts University	07	INT	30,709										
Univ of Mass Amherst	01	INT	41,689	RII	10,000								
Venture Economics DCPC	04	SRS	22,011										
Whitehead Inst Biomed Res	08	RII	64,383										
Woods Hole Ocean Inst	10	INT	35,000										
Worcester Polytech Inst	03	INT	27,433	ISI	89,462								

DIRECTORATE TOTALS: \$AMOUNT: 5,368,105

NUMBER OF AWARDS: 98

DIRECT FOR COMPUTER & INFO SCIE & ENGINR

BBN Laboratories Inc	08	IRI	101,839										
Boston College	04	DCR	49,500										
Boston University	08	DCR	211,412	IRI	231,055								
Brandeis University	08	DCR	281,929	IRI	98,507								
Harvard University	08	ASC	52,400	DCR	215,000	IRI	417,865						
Mass Inst of Tech (MIT)	08	DCI	511,695	DCR	842,872	IRI	433,867						
Natl Bureau of Econ Res	08	IRI	13,791										
Northeastern University	08	DCI	135,711	DCR	302,110								
Smith College	01	DCR	31,165										
Tufts University	07	DCI	11,960	DCR	12,000								
Univ of Mass Amherst	01	ASC	20,500	DCR	1,385,022	IRI	190,486						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Massachusetts													
Univ of Mass Boston	09	DCR	46,525										
Williams College	01	DCR	53,290										

DIRECTORATE TOTALS: \$AMOUNT: 5,650,501 NUMBER OF AWARDS: 60

DIRECTORATE FOR GEOSCIENCES

Amer Meteorological Soc	09	ATM	8,090										
Atmos & Environ Res Inc	08	ATM	199,700										
Boston College	04	ATM	209,400	DPP	52,921	EAR	77,360						
Boston University	08	ATM	67,000	EAR	10,000	OCE	71,341						
Cambridge Res & Instrumen	08	ATM	66,200										
Clark University	03	ATM	22,750										
Emmanuel College	08	ATM	66,000										
Gordon College	06	OCE	70,591										
Harvard Univ Observatory	08	ATM	77,681										
Harvard University	08	ATM	574,100	DPP	56,696	EAR	879,941	OCE	272,748				
Individual Award	00	ATM	21,000										
Marine Biological Lab	10	ATM	127,400	DPP	490,447	OCE	113,464						
Mass General Hospital	09	DPP	153,287										
Mass Inst of Tech (MIT)	08	ATM	2,169,708	EAR	2,176,503	OCE	1,467,104						
Northeastern University	08	OCE	55,951										
Smithsonian-Astrophysobs	09	DPP	35,000										
Tufts University	07	OCE	54,393										
Univ of Mass Amherst	01	ATM	7,500	DPP	92,407	EAR	136,350						
University of Lowell	05	EAR	40,000										
Woods Hole Ocean Inst	10	ATM	205,891	DPP	365,908	EAR	168,886	OCE	19,301,198				

DIRECTORATE TOTALS: \$AMOUNT: 29,963,916 NUMBER OF AWARDS: 222

DIRECTORATE FOR ENGINEERING

Aerodyne Research Inc	07	CBT	89,068	CDR	29,689								
Boston College	04	CBT	71,548	ECS	34,000								
Boston University	08	DMC	80,716	ECS	37,410								
Charles S Draper Lab Inc	08	DMC	145,315										
Harvard University	08	DMC	29,977	ECS	25,000	MSM	63,877						
Mass Inst of Tech (MIT)	08	CBT	1,069,744	CDR	3,385,943	CES	567,548	DMC	355,009	ECE	256,259	ECS	1,519,975
		MSM	1,581,955										
Northeastern University	08	CBT	156,000	CDR	200,000	CES	41,681	ECS	34,500				
Tufts University	07	CBT	121,311										
Univ of Mass Amherst	01	CBT	398,904	CDR	91,213	CES	134,549	DMC	155,379	ECS	238,170	MSM	168,245
Wellesley Col	04	DMC	100,960										
Westfield State College	01	CES	34,344										
Williams College	01	ECS	9,500										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Massachusetts													
Worcester Polytech Inst	03	CBT	236,125	ECE	184,563	MSM	120,780						
DIRECTORATE TOTALS:		\$AMOUNT:		11,769,257		NUMBER OF AWARDS:		128					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Amherst College	01	DMB	234,000										
BBN Laboratories Inc	08	SES	87,074										
Boston Biomed Res Inst	09	DMB	74,526										
Boston College	04	BNS	55,024	DCB	92,500	DMB	178,000	SES	34,810				
Boston Univ Sch of Med	08	BNS	179,487	DCB	201,438	DMB	221,077						
Boston University	08	BNS	206,625	BSR	150,966	DCB	75,000	DMB	232,300	SES	32,484		
Brandeis University	08	BNS	299,962	DCB	175,000	DMB	584,659						
Children's Hospital Corp	08	BNS	25,000										
Clark University	03	DCB	9,995	SES	73,000								
Col of the Holy Cross	03	DCB	60,394										
Dana-Farber Cancer Inst	08	DCB	157,000	DMB	100,000								
Hampshire College	01	BNS	33,183										
Harvard Univ Sch Pub Hlth	08	BNS	61,419										
Harvard Univ-Med Sch	08	BNS	115,500	DCB	65,000	DMB	10,000						
Harvard University	08	BNS	728,850	BSR	1,449,433	DCB	624,400	DMB	860,500	SES	598,104		
Individual Award	00	DCB	53,442	SES	1,700								
Manomet Bird Observatory	10	BSR	23,806										
Marine Biological Lab	10	BNS	158,000	BSR	856,218	DCB	151,637	DMB	397,536				
Mass General Hospital	09	DCB	65,000	DMB	132,000								
Mass Inst of Tech (MIT)	08	BNS	599,124	DCB	75,000	DMB	1,141,000	SES	595,165				
McLean Hospital	08	BNS	70,000	DCB	12,900								
Mt Holyoke Col	01	BSR	14,883	DMB	36,000								
Natl Bureau of Econ Res	08	SES	1,552,665										
New England Med Ctr Inc	09	BNS	55,000	DMB	67,000								
Northeastern University	08	BNS	130,000	BSR	109,000	DMB	62,000						
Retina Found	09	BNS	87,923										
Robert B Brigham Hospital	08	DCB	110,000										
Smith College	01	BSR	26,881										
Tufts Univ Sch of Med	09	BSR	111,500	DCB	81,000	DMB	115,000						
Tufts University	07	BBS	67,500	BNS	136,998	DCB	119,101	DMB	223,000				
U Mass Med Sch Worcester	03	DCB	243,000	DMB	130,000								
Univ of Mass Amherst	01	BNS	708,212	BSR	261,000	DCB	756,425	DMB	285,000	SES	83,734		
Univ of Mass Boston	09	BNS	324,846	DCB	100,000								
Univ of Mass Systems Off	08	DMB	50,000										
Wellesley Col	04	BNS	36,750	DCB	90,000	DMB	65,000	SES	44,129				
Whitehead Inst Biomed Res	08	DCB	40,000	DMB	180,000								
Williams College	01	BNS	157,808	BSR	144,051								
Woods Hole Ocean Inst	10	BNS	72,256	BSR	223,314	DCB	35,300	DMB	67,180				
Worcester Fdn Exp Bio	03	BNS	160,500										
Worcester Polytech Inst	03	DCB	63,000										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Massachusetts

DIRECTORATE TOTALS:	\$AMOUNT:	19,846,194	NUMBER OF AWARDS:	303
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DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Bolt Beranek & Neuman Inc	09	MDR	466,501				
Boston College	04	TEI	49,555				
Boston University	08	RCD	20,100				
Childrens Museum Boston	09	MDR	132,446				
Col of the Holy Cross	03	CSI	11,335				
Comap	07	MDR	189,437	TEI	189,436		
Curry College	11	CSI	33,156				
Education Development Ctr	09	MDR	697,960				
Five Colleges Inc	01	CSI	44,558	SEE	23,500	TEI	337,454
Harvard Univ Observatory	08	MDR	386,673				
Harvard Univ-Med Sch	08	RCD	130,800				
Harvard University	08	RCD	1,875,200	SPA	249,952		
Individual Award	00	RCD	1,954				
Lesley College	08	MDR	260,982	TEI	198,791		
Mass Inst of Tech (MIT)	08	MDR	181,200	RCD	2,938,120		
Mt Holyoke Col	01	CSI	55,430	TEI	292,677		
Museum of Science	09	MDR	103,500	TEI	577,290		
New England Aquarium Corp	09	MDR	61,050				
Public Broadcasting Assoc	04	MDR	125,000				
Res Communications Ltd	04	MDR	125,590				
Shady Hill School	08	TEI	5,000				
Simmons College	08	TEI	202,080				
Smith College	01	CSI	33,191				
Southeastern Mass Univ	10	MDR	55,510				
Technical Ed Res Ctr Inc	08	MDR	1,360,576				
Tufts University	07	RCD	32,700				
Univ of Mass Amherst	01	RCD	98,100				
Wellesley Col	04	CSI	17,294				
Wellesley Senior High Sch	04	TEI	5,000				
Williams College	01	CSI	63,489				

DIRECTORATE TOTALS:	\$AMOUNT:	11,632,587	NUMBER OF AWARDS:	42
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STATE TOTALS:	\$AMOUNT:	122,144,723	NUMBER OF AWARDS:	1,134
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Michigan													
OFFICE OF THE DIRECTOR													
National Television News	17	LPA	25,000										
DIRECTORATE TOTALS:		\$AMOUNT:	25,000	NUMBER OF AWARDS:		1							
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Alma College	10	PHY	10,425										
Calvin College	05	CHE	13,400	DMR	25,600	DMS	26,300	PHY	25,139				
Hope College	04	PHY	148,120										
Individual Award	00	DMS	66,800										
Mich Technological Univ	11	DMR	416,000	PHY	53,827								
Michigan Molecular Inst	08	DMR	111,000										
Michigan State University	06	AST	20,000	CHE	907,241	DMR	885,600	DMS	179,241	PHY	7,768,498		
Oakland Univ	14	CHE	27,000										
Saginaw Valley State Col	08	PHY	6,000										
Univ of Mich Ann Arbor	02	AST	436,000	CHE	645,196	DMR	1,594,700	DMS	940,191	PHY	1,939,975		
Univ of Michigan Dearborn	16	PHY	83,500										
Wayne State University	13	CHE	512,502	DMR	60,000	DMS	157,600	PHY	195,000				
Western Mich Univ	03	PHY	20,000										
DIRECTORATE TOTALS:		\$AMOUNT:	17,274,855	NUMBER OF AWARDS:		128							
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Combustion & Fuel Res Inc	02	ISI	229,588										
Industrial Tech Institute	02	ISI	31,050										
KMS Fusion Inc	02	ISI	64,630										
MI State of Commerce Dept	06	PRA	71,238										
Machine Vision Intl	02	ISI	40,000										
Michigan State University	06	INT	62,791										
Micro-Optics Technologies	14	ISI	39,800										
Univ of Mich Ann Arbor	02	INT	236,436	RII	152,761								
Wayne St Univ Sch of Med	13	RII	283,499										
DIRECTORATE TOTALS:		\$AMOUNT:	1,211,793	NUMBER OF AWARDS:		25							
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Michigan State University	06	DCR	490,414										
Univ of Mich Ann Arbor	02	ASC	657,500	DCI	217,381	DCR	96,551	IRI	20,740				
DIRECTORATE TOTALS:		\$AMOUNT:	1,482,586	NUMBER OF AWARDS:		17							

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Michigan													
DIRECTORATE FOR GEOSCIENCES													
Calvin College	05	EAR	59,517										
Mich Technological Univ	11	ATM	15,900	DPP	26,244	OCE	39,628						
Michigan State University	06	ATM	43,900	EAR	37,300	OCE	59,424						
Univ of Mich Ann Arbor	02	ATM	1,044,942	DPP	243,908	EAR	828,033	OCE	459,274				
Wayne State University	13	DPP	38,201										
DIRECTORATE TOTALS:			\$AMOUNT:	2,896,271	NUMBER OF AWARDS:			44					
DIRECTORATE FOR ENGINEERING													
Industrial Tech Institute	02	DMC	74,938										
Mich Technological Univ	11	CES	260,382	DMC	28,497	MSM	107,718						
Michigan State University	06	CBT	153,066	ECS	165,204	MSM	300,690						
Univ of Mich Ann Arbor	02	CBT	619,879	CDR	158,000	CES	752,862	DMC	812,757	ECE	36,194	ECS	385,025
		MSM	358,254										
Wayne State University	13	CBT	93,425	DMC	163,455	ECS	47,500	ENG	135,000	MSM	186,682		
DIRECTORATE TOTALS:			\$AMOUNT:	4,839,528	NUMBER OF AWARDS:			74					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Andrews Univ	04	BNS	41,868										
Eastern Michigan Univ	15	SES	29,933										
Individual Award	00	DCB	79,265	DMB	52,800								
Internatl Primatologi Soc	06	BNS	10,000										
Mich St Univ Agr Exp Sta	10	DCB	60,636										
Mich Technological Univ	11	DCB	117,000	DMB	50,000								
Michigan State University	06	BNS	403,270	BSR	1,359,503	DCB	437,121	DMB	403,500	SES	76,569		
Oakland Univ	14	BNS	188,239	DCB	51,230								
Providence Hospital	18	DCB	42,040										
U of Mich Medical School	02	BNS	45,000	DCB	60,000	DMB	125,000						
Univ of Mich Ann Arbor	02	BNS	882,476	BSR	1,144,321	DCB	502,595	DMB	656,563	SES	2,978,590		
Wayne State University	13	BNS	60,900	BSR	40,000	SES	5,580						
DIRECTORATE TOTALS:			\$AMOUNT:	9,903,999	NUMBER OF AWARDS:			116					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Aquinas Col	05	TEI	178,438										
Bloomfld Hills Lahser H S	18	TEI	5,000										
Calvin College	05	CSI	5,338										
Det Area Pre-Col Eng Prog	13	MDR	143,444										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Michigan													
Eastern Michigan Univ	15	CSI	33,030	MDR	120,365								
Ferris State College	10	CSI	5,638										
Grand Valley St College	09	CSI	12,582										
Hope College	04	CSI	28,413	TEI	132,342								
Impression 5 Museum	03	MDR	414,600										
Individual Award	00	RCD	51,300										
Kalamazoo Col	03	CSI	5,326										
Lawrence Inst of Tech	17	CSI	25,050										
Michigan State University	06	MDR	161,239	RCD	46,770	SPA	110,635	TEI	475,814				
Northern Michigan Univ	11	CSI	24,494										
Saginaw Valley State Col	08	CSI	25,375										
Swartz Creek Middle Sch	07	TEI	5,000										
Univ of Mich Ann Arbor	02	MDR	326,336	RCD	567,710	TEI	119,625						
Univ of Michigan Dearborn	16	CSI	16,000										
Wayne State University	13	RCD	10,150	TEI	117,822								
DIRECTORATE TOTALS:			\$AMOUNT:	3,167,836	NUMBER OF AWARDS:			32					
STATE TOTALS:			\$AMOUNT:	40,801,868	NUMBER OF AWARDS:			437					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Minnesota													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Carleton College	01	CHE	71,121										
U of Minn Inst of Tech	05	DMS	37,300										
Univ of Minn at Duluth	08	CHE	50,000										
Univ of Minn at St Paul	05	DMS	17,800										
University of Minnesota	05	AST	406,400	CHE	1,337,517	DMR	944,800	DMS	2,331,274	PHY	182,000		
DIRECTORATE TOTALS:			\$AMOUNT:	5,378,212	NUMBER OF AWARDS:			66					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
London Diagnostics Inc	03	ISI	39,650										
Mayo Foundation	01	INT	7,650										
Univ of Minn at St Paul	05	INT	41,782										
University of Minnesota	05	INT	18,730	RII	93,150								
XOX Corporation	06	ISI	40,000										
DIRECTORATE TOTALS:			\$AMOUNT:	240,962	NUMBER OF AWARDS:			9					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
University of Minnesota	05	ASC	457,299	DCR	523,317	IRI	95,694						
DIRECTORATE TOTALS:			\$AMOUNT:	1,076,310	NUMBER OF AWARDS:			13					
DIRECTORATE FOR GEOSCIENCES													
Augsburg Col	05	ATM	15,400	DPP	10,000								
Carleton College	01	EAR	120,000										
Control Data Corporation	03	ATM	115,843										
St Olaf College	01	DPP	27,141										
Univ of Minn at St Paul	05	EAR	8,500										
University of Minnesota	05	ATM	273,300	DPP	258,435	EAR	262,806	OCE	286,218				
DIRECTORATE TOTALS:			\$AMOUNT:	1,377,643	NUMBER OF AWARDS:			25					
DIRECTORATE FOR ENGINEERING													
U of Minn Agr Exp Sta	04	CBT	66,700										
U of Minn Inst of Tech	05	MSM	84,845										
Univ of Minn at St Paul	05	CBT	187,439	CDR	50,000	CES	117,491	DMC	75,198	ECS	58,003	MSM	6,208
University of Minnesota	05	CBT	1,132,629	CDR	140,170	CES	131,287	DMC	268,804	ECS	183,247	MSM	178,252

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Minnesota

DIRECTORATE TOTALS: \$AMOUNT: 2,680,273 NUMBER OF AWARDS: 39

DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Bethel College	04	DCB	38,470												
Carleton College	01	DCB	80,000												
Individual Award	00	DCB	26,400	DMB	26,400										
Mayo Foundation	01	BNS	55,000	DCB	64,000	DMB	350,000								
U Mn Gray Freshwater Bio	06	DMB	140,000												
U of Minn Med Sch	05	BSR	140,000	DCB	75,719										
Univ of Minn at Duluth	08	BSR	325,000												
Univ of Minn at St Paul	05	BNS	228,530	BSR	707,906	DCB	195,000	DMB	441,880	SES	85,042				
University of Minnesota	05	BNS	351,414	BSR	206,319	DCB	163,558	DMB	360,812	SES	289,072				

DIRECTORATE TOTALS: \$AMOUNT: 4,350,522 NUMBER OF AWARDS: 57

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Augsburg Col	05	CSI	10,000												
Breck School	05	TEI	5,000												
Carleton College	01	CSI	48,051												
Central Junior High Sch	04	TEI	5,000												
Col of St Catherine	04	CSI	23,441												
Hamline Univ	04	CSI	38,891												
Macalester Col	04	CSI	14,045	TEI	105,230										
Mankato State University	01	CSI	91,579												
St Cloud State Univ	07	CSI	50,000												
St John's University	07	CSI	25,450												
St Mary's College	01	CSI	33,124												
St Olaf College	01	CSI	36,157												
Univ of Minn at Duluth	08	CSI	45,907	MDR	140,402										
Univ of Minn at Morris	02	CSI	30,950												
University of Minnesota	05	RCD	232,220	TEI	281,218										

DIRECTORATE TOTALS: \$AMOUNT: 1,216,665 NUMBER OF AWARDS: 22

STATE TOTALS: \$AMOUNT: 16,320,587 NUMBER OF AWARDS: 231

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Mississippi													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Univ of Southern Miss	05	DMR	108,500										
University of Mississippi	01	CHE	145,634	PHY	161,768								
DIRECTORATE TOTALS:		\$AMOUNT:		415,902		NUMBER OF AWARDS:		7					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Univ of Miss Medical Ctr	04	INT	6,814										
DIRECTORATE TOTALS:		\$AMOUNT:		6,814		NUMBER OF AWARDS:		1					
DIRECTORATE FOR GEOSCIENCES													
Univ of Southern Miss	05	OCE	121,872										
University of Mississippi	01	EAR	46,541										
DIRECTORATE TOTALS:		\$AMOUNT:		168,413		NUMBER OF AWARDS:		2					
DIRECTORATE FOR ENGINEERING													
University of Mississippi	01	CBT	6,570	CES	28,383	ECS	53,650						
DIRECTORATE TOTALS:		\$AMOUNT:		88,603		NUMBER OF AWARDS:		3					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Univ of Miss Medical Ctr	04	DMB	104,386										
Univ of Southern Miss	05	DMB	87,000										
University of Mississippi	01	DMB	2,250										
DIRECTORATE TOTALS:		\$AMOUNT:		193,636		NUMBER OF AWARDS:		4					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Biloxi High School	05	TEI	5,000										
Delta State University	02	CSI	12,714										
Jackson State University	04	SEE	136,321										
Mississippi Mus Nat Sci	04	MDR	40,182										
Tougaloo Col	03	SEE	40,000	TEI	56,345								
Univ of Southern Miss	05	TEI	283,008										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Mississippi													
Weir Attendance Center	01	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	578,570	NUMBER OF AWARDS:			8					
STATE TOTALS:			\$AMOUNT:	1,451,938	NUMBER OF AWARDS:			25					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Missouri

DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

Drury College	07	CHE	30,000										
Individual Award	00	DMS	1,200										
St Louis University	01	DMS	19,000										
Univ of Missouri Columbia	09	DMR	60,700	DMS	78,600	PHY	156,398						
Univ of Missouri Rolla	08	DMR	115,600	PHY	267,223								
Univ of Missouri St Louis	01	AST	53,900	DMS	22,050	PHY	121,240						
Washington University	01	AST	7,700	CHE	240,974	DMR	423,700	DMS	353,628	PHY	119,237		

DIRECTORATE TOTALS:	\$AMOUNT:	2,071,150	NUMBER OF AWARDS:	39
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DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Brewer Science Inc	08	ISI	95,604										
Enertronics Research Inc	01	ISI	43,000										
Mo Botanical Garden	01	INT	27,000										
St Louis Univ-Sch of Med	01	INT	21,678										
Univ of Missouri Columbia	09	INT	12,377										
Univ of Missouri Rolla	08	INT	4,150										
Washington University	01	INT	35,225										

DIRECTORATE TOTALS:	\$AMOUNT:	239,034	NUMBER OF AWARDS:	8
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DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Univ of Missouri Columbia	09	IRI	15,634										
Washington University	01	DCI	390,907	DCR	77,208								

DIRECTORATE TOTALS:	\$AMOUNT:	483,749	NUMBER OF AWARDS:	5
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DIRECTORATE FOR GEOSCIENCES

St Louis University	01	DPP	79,218	EAR	68,018								
Univ of Missouri Columbia	09	ATM	130,200	EAR	226,131								
Univ of Missouri Rolla	08	ATM	43,400										
Washington University	01	DPP	49,000	EAR	174,524	OCE	32,441						

DIRECTORATE TOTALS:	\$AMOUNT:	802,932	NUMBER OF AWARDS:	15
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Missouri													
DIRECTORATE FOR ENGINEERING													
Univ of Missouri Columbia	09	CBT	25,000	CDR	13,500	CES	15,021	DMC	37,500	MSM	49,975		
Univ of Missouri Rolla	08	CBT	173,708	CDR	17,000	CES	173,599	MSM	211,469				
Washington University	01	CDR	69,000	DMC	385,219	ECS	223,229						
DIRECTORATE TOTALS:			\$AMOUNT:	1,394,220			NUMBER OF AWARDS:	21					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Central Missouri St Univ	04	BNS	20,550										
Individual Award	00	DCB	26,481	DMS	79,395								
Mo Botanical Garden	01	BSR	714,294										
Northeast Mo State Univ	09	DCB	44,000										
St Louis Univ-Sch of Med	01	BNS	56,500	DCB	80,000								
St Louis University	01	DMB	64,000										
Univ of Missouri Columbia	09	BNS	193,873	DCB	608,655	DMB	353,743	SES	40,000				
Univ of Missouri KC	05	SES	30,000										
Univ of Missouri St Louis	01	DCB	63,041										
Wash Univ-Sch of Medicine	01	BNS	55,023	DMB	331,643								
Washington University	01	BNS	250,553	BSR	27,868	DCB	250,600	DMB	370,132	SES	46,945		
DIRECTORATE TOTALS:			\$AMOUNT:	3,707,296			NUMBER OF AWARDS:	59					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Avila College	05	CSI	7,175										
Central Missouri St Univ	04	TEI	19,686										
Mo Botanical Garden	01	TEI	141,348										
South Nodaway R-IV Schs	06	TEI	5,000										
Southwest Mo State Univ	07	CSI	50,000										
St Louis Science Center	01	MDR	274,098										
St Louis University	01	TEI	81,659										
Truman High School	05	TEI	5,000										
Univ of Missouri Columbia	09	MDR	193,259	RCD	4,100								
Univ of Missouri KC	05	TEI	78,994										
Washington University	01	RCD	127,780										
DIRECTORATE TOTALS:			\$AMOUNT:	988,099			NUMBER OF AWARDS:	13					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Missouri															
STATE TOTALS:			\$AMOUNT:	9,686,480		NUMBER OF AWARDS:	160								

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Montana													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Montana State University	01	AST	59,400	CHE	116,290	DMR	549,400	DMS	14,850	PHY	167,705		
University of Montana	01	CHE	60,000										
DIRECTORATE TOTALS:		\$AMOUNT:	967,645			NUMBER OF AWARDS:	13						
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Montana State University	01	RII	157,500										
DIRECTORATE TOTALS:		\$AMOUNT:	157,500			NUMBER OF AWARDS:	1						
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Montana State University	01	ASC	6,300										
DIRECTORATE TOTALS:		\$AMOUNT:	6,300			NUMBER OF AWARDS:	0						
DIRECTORATE FOR GEOSCIENCES													
University of Montana	01	EAR	92,437										
DIRECTORATE TOTALS:		\$AMOUNT:	92,437			NUMBER OF AWARDS:	4						
DIRECTORATE FOR ENGINEERING													
Montana State University	01	CBT	150,730	CDR	8,500								
DIRECTORATE TOTALS:		\$AMOUNT:	159,230			NUMBER OF AWARDS:	3						
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Montana State University	01	BSR	86,375	DCB	129,652								
University of Montana	01	BSR	163,259	DMB	115,000								
DIRECTORATE TOTALS:		\$AMOUNT:	494,286			NUMBER OF AWARDS:	9						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Montana													
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Florence-Carlton Dist15-6	01	TEI	5,000										
Montana Cncl Tchrs Math	02	TEI	643,058										
North Junior High School	02	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	653,058	NUMBER OF AWARDS:			4					
STATE TOTALS:			\$AMOUNT:	2,530,456	NUMBER OF AWARDS:			34					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Nebraska													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Univ of Nebraska Lincoln	01	AST	40,000	CHE	512,472	DMS	152,820	PHY	480,095				
DIRECTORATE TOTALS:			\$AMOUNT:	1,185,387			NUMBER OF AWARDS:	16					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Kearney State Col	03	INT	26,850										
Univ of Nebraska Lincoln	01	INT	30,758	RII	9,990								
DIRECTORATE TOTALS:			\$AMOUNT:	67,598			NUMBER OF AWARDS:	3					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Univ of Nebraska Lincoln	01	ASC	453,000	DCI	37,500								
DIRECTORATE TOTALS:			\$AMOUNT:	490,500			NUMBER OF AWARDS:	2					
DIRECTORATE FOR GEOSCIENCES													
Univ of Nebraska Lincoln	01	ATM	234,748	DPP	1,157,822								
DIRECTORATE TOTALS:			\$AMOUNT:	1,392,570			NUMBER OF AWARDS:	6					
DIRECTORATE FOR ENGINEERING													
Univ of Nebraska Lincoln	01	CBT	35,434										
DIRECTORATE TOTALS:			\$AMOUNT:	35,434			NUMBER OF AWARDS:	1					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Father Flanagan Boys Home	02	BNS	167,532										
Univ of Nebraska Lincoln	01	BNS	18,144	BSR	74,967	DCB	130,000	DMB	338,417				
Univ of Nebraska at Omaha	02	DMB	48,000										
DIRECTORATE TOTALS:			\$AMOUNT:	777,060			NUMBER OF AWARDS:	13					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Nebraska

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Central High School	02	TEI	5,000										
Kearney State Col	03	CSI	25,725	TEI	129,014								
Nebraskans for Public TV	01	MDR	200,000										
Omaha Westside High	02	TEI	5,000										
Univ of Nebraska Lincoln	01	RCD	16,350	TEI	239,135								

DIRECTORATE TOTALS:	\$AMOUNT:	620,224	NUMBER OF AWARDS:	7
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STATE TOTALS:	\$AMOUNT:	4,568,773	NUMBER OF AWARDS:	48
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Nevada													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
University of Nevada Reno	02	CHE	185,437	PHY	41,725								
DIRECTORATE TOTALS:			\$AMOUNT:	227,162		NUMBER OF AWARDS:	4						
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
AMI Consultants	02	ISI	200,000										
U of Nev Sys Adm Sys Off	02	RII	73,404										
University of Nevada Reno	02	INT	22,901										
DIRECTORATE TOTALS:			\$AMOUNT:	296,305		NUMBER OF AWARDS:	4						
DIRECTORATE FOR GEOSCIENCES													
U Nevada Desert Res Inst	02	ATM	432,600	EAR	42,500								
Univ of Nevada Las Vegas	02	DPP	67,907										
University of Nevada Reno	02	EAR	60,445										
DIRECTORATE TOTALS:			\$AMOUNT:	603,452		NUMBER OF AWARDS:	7						
DIRECTORATE FOR ENGINEERING													
University of Nevada Reno	02	CBT	29,640	CES	174,600								
DIRECTORATE TOTALS:			\$AMOUNT:	204,240		NUMBER OF AWARDS:	3						
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
U Nevada Desert Res Inst	02	DMB	85,000										
University of Nevada Reno	02	DCB	218,880	DMB	50,000								
DIRECTORATE TOTALS:			\$AMOUNT:	353,880		NUMBER OF AWARDS:	5						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Incline High School	02	TEI	5,000										
K O Knudson Junior H S	01	TEI	5,000										
Univ of Nevada Las Vegas	02	CSI	13,410										
DIRECTORATE TOTALS:			\$AMOUNT:	23,410		NUMBER OF AWARDS:	3						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Nevada

STATE TOTALS:	\$AMOUNT:	1,708,449	NUMBER OF AWARDS:	26
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Hampshire													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Dartmouth Col Thayer Eng	02	DMR	104,300										
Dartmouth College	02	AST	84,600	CHE	219,987	DMR	53,900	DMS	42,500				
Robert H Kraichnan Inc	02	DMS	10,000										
Univ of N H Durham	01	CHE	126,463	DMS	39,500	PHY	77,922						
DIRECTORATE TOTALS:			\$AMOUNT:	759,172			NUMBER OF AWARDS:	12					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Dartmouth Col Thayer Eng	02	INT	21,499										
Dartmouth College	02	INT	80,000										
Verax Corporation	02	ISI	138,333										
DIRECTORATE TOTALS:			\$AMOUNT:	239,832			NUMBER OF AWARDS:	5					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Univ of N H Durham	01	DCR	117,708										
DIRECTORATE TOTALS:			\$AMOUNT:	117,708			NUMBER OF AWARDS:	2					
DIRECTORATE FOR GEOSCIENCES													
Army-CRREL	02	DPP	117,412										
Dartmouth Col Thayer Eng	02	ATM	326,600										
Dartmouth College	02	ATM	48,426										
Robert H Kraichnan Inc	02	ATM	76,230	OCE	18,000								
Univ of N H Durham	01	ATM	239,600	DPP	109,490	OCE	395,372						
DIRECTORATE TOTALS:			\$AMOUNT:	1,331,130			NUMBER OF AWARDS:	16					
DIRECTORATE FOR ENGINEERING													
Dartmouth Col Thayer Eng	02	CBT	97,209	CDR	125,000	DMC	97,223	MSM	90,240				
Dartmouth College	02	CES	10,000										
Robert H Kraichnan Inc	02	MSM	15,000										
DIRECTORATE TOTALS:			\$AMOUNT:	434,672			NUMBER OF AWARDS:	6					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Hampshire													
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Dartmouth Col Med Sch	02	DCB	55,000	DMB	150,000								
Dartmouth College	02	BNS	124,105	BSR	243,404	DCB	171,000	DMB	138,000				
Univ N H Plymouth St Col	02	SES	7,788										
Univ of N H Durham	01	BNS	45,000	BSR	25,000	DCB	120,000	DMB	184,665	SES	230,643		
DIRECTORATE TOTALS:		\$AMOUNT:	1,494,605		NUMBER OF AWARDS:		21						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Dartmouth College	02	RCD	16,350										
Merrimack High School	01	TEI	94,019										
New England Col	02	CSI	45,000										
Pelham High School	02	TEI	5,000										
Profile School	02	TEI	5,000										
DIRECTORATE TOTALS:		\$AMOUNT:	165,369		NUMBER OF AWARDS:		6						
STATE TOTALS:		\$AMOUNT:	4,542,488		NUMBER OF AWARDS:		68						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Jersey													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Individual Award	00	AST	80,400	DMS	266,000								
Inst For Advanced Study	12	DMS	1,050,000	PHY	264,500								
Princeton Univ Press	12	PHY	15,000										
Princeton University	12	AST	523,700	CHE	1,339,666	DMR	1,248,500	DMS	1,516,424	PHY	2,664,153		
Rider College	04	AST	45,000	DMR	14,400								
Rutgers U Busch Campus	12	CHE	67,300	DMR	189,900	DMS	272,194	PHY	1,036,808				
Rutgers U New Brunswick	06	CHE	460,100	DMR	501,400	DMS	983,928	PHY	904,729				
Rutgers University Camden	01	DMS	43,000										
Seton Hall University	11	CHE	90,000										
Stevens Inst of Tech	14	DMS	20,100										
DIRECTORATE TOTALS:			\$AMOUNT:	13,597,202	NUMBER OF AWARDS:			122					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Aeronautical Res	12	ISI	75,460										
Computer Horizons Inc	13	ISI	186,892	SRS	260,000								
JP Laboratories	12	ISI	40,000										
M L Energia Inc	12	ISI	417,369										
Princeton University	12	INT	39,204										
Rutgers U Busch Campus	12	INT	30,178										
Rutgers U New Brunswick	06	INT	14,293										
Stevens Inst of Tech	14	INT	6,227										
Trenton State College	04	INT	20,040										
DIRECTORATE TOTALS:			\$AMOUNT:	1,089,663	NUMBER OF AWARDS:			17					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Bell Comm Res Inc	07	IRI	5,000										
Consortium for Sci Comp	12	ASC	5,600,000										
Princeton University	12	ASC	473,750	DCI	199,585	DCR	657,399	IRI	132,106				
Rutgers U Busch Campus	12	ASC	9,950	DCR	73,547	IRI	29,159						
Rutgers U New Brunswick	06	ASC	11,100	DCR	168,711	IRI	70,853						
DIRECTORATE TOTALS:			\$AMOUNT:	7,431,160	NUMBER OF AWARDS:			18					
DIRECTORATE FOR GEOSCIENCES													
ITT Antarctic Servs Inc	05	DPP	28,327,695	OCE	175,000								
Kean College of NJ	07	OCE	5,190										
Princeton University	12	ATM	428,238	EAR	693,825	OCE	179,120						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Jersey													
Rutgers U New Brunswick	06	EAR	101,800										
DIRECTORATE TOTALS:		\$AMOUNT:	29,910,868	NUMBER OF AWARDS:		26							
DIRECTORATE FOR ENGINEERING													
Aerochem Research Labs	12	CBT	70,073										
New Jersey Inst of Tech	10	CBT	26,507	CDR	182,310								
Princeton University	12	CBT	274,949	CDR	126,800	CES	479,258	ECE	17,500	ECS	258,150	MSM	242,877
Rutgers U Busch Campus	12	ECS	25,392	MSM	237,330								
Rutgers U New Brunswick	06	CDR	114,000	DMC	199,000	ENG	47,055	MSM	74,466				
Stevens Inst of Tech	14	CBT	8,500	ECS	52,000	MSM	29,143						
Travel Award	00	MSM	1,480										
DIRECTORATE TOTALS:		\$AMOUNT:	2,466,790	NUMBER OF AWARDS:		35							
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Fairleigh D U Teaneck	09	DMB	35,000										
Individual Award	00	DCB	53,412										
Montclair State Col	08	BNS	100,698										
New Jersey Medical School	10	DCB	170,301										
Princeton Univ Press	12	SES	129,309										
Princeton University	12	BNS	415,115	BSR	286,533	DCB	164,000	DMB	280,000	SES	742,999		
Rutgers Medical School	12	BNS	125,000										
Rutgers U Busch Campus	12	DCB	66,000	DMB	58,000								
Rutgers U New Brunswick	06	BNS	114,396	BSR	103,350	DCB	85,000	DMB	275,000	SES	116,736		
Rutgers Univ Cook College	06	DCB	100,946										
Rutgers University Camden	01	BSR	100,000										
Rutgers University Newark	10	BNS	90,095	DCB	10,000								
Seton Hall University	11	DMB	30,000										
Univ of Med & Dent of N J	10	BNS	269,072	DCB	150,000								
DIRECTORATE TOTALS:		\$AMOUNT:	4,070,962	NUMBER OF AWARDS:		70							
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Cherry Hill H S West	13	TEI	5,000										
Educational Testing Serv	12	MDR	381,265	SPA	2,313								
Fairleigh Dickinson Univ	09	CSI	30,684										
Individual Award	00	RCD	2,775										
Matawan Regional H S	06	TEI	5,000										
Monmouth Col	03	CSI	10,195										
Princeton University	12	RCD	1,372,540										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Jersey													
Rider College	04	CSI	47,572										
Rutgers U New Brunswick	06	RCD	32,700										
Stockton State College	02	CSI	27,450										
W Wilson Natl Fellow Fdn	12	TEI	370,008										
DIRECTORATE TOTALS:			\$AMOUNT:	2,287,502	NUMBER OF AWARDS:			12					
STATE TOTALS:			\$AMOUNT:	60,854,147	NUMBER OF AWARDS:			300					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Mexico													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
DOE-Albuquerque Operatns	01	PHY	2,500										
New Mexico St University	02	CHE	77,000										
University of New Mexico	01	AST	43,600	CHE	108,000	DMS	37,600	PHY	92,000				
DIRECTORATE TOTALS:			\$AMOUNT:	360,700	NUMBER OF AWARDS:			7					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Aeon Systems Inc	01	ISI	39,256										
Los Alamos Scientific Lab	03	INT	84,672										
New Mexico St University	02	RII	191,270										
University of New Mexico	01	INT	60,150										
DIRECTORATE TOTALS:			\$AMOUNT:	375,348	NUMBER OF AWARDS:			7					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
New Mexico St University	02	DCR	15,000	IRI	60,942								
DIRECTORATE TOTALS:			\$AMOUNT:	75,942	NUMBER OF AWARDS:			2					
DIRECTORATE FOR GEOSCIENCES													
N M Inst of Mining & Tech	03	ATM	235,205	DPP	60,759	EAR	287,146						
University of New Mexico	01	ATM	38,300	EAR	169,585								
DIRECTORATE TOTALS:			\$AMOUNT:	790,995	NUMBER OF AWARDS:			14					
DIRECTORATE FOR ENGINEERING													
N M Inst of Mining & Tech	03	CDR	178,750										
New Mexico St University	02	CBT	110,000										
University of New Mexico	01	CBT	6,000	ECS	75,000								
DIRECTORATE TOTALS:			\$AMOUNT:	369,750	NUMBER OF AWARDS:			4					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New Mexico													
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Museum of N M	03	BNS	25,000										
N M Inst of Mining & Tech	03	BSR	44,498										
N M St Univ Grants Br	03	SES	18,000										
New Mexico St University	02	BSR	599,707	DCB	72,314								
U of N M Sch of Med	01	BNS	75,000	DMB	187,000								
University of New Mexico	01	BNS	88,911	BSR	586,289	DCB	70,868	DMB	158,440				
DIRECTORATE TOTALS:			\$AMOUNT:	1,926,027	NUMBER OF AWARDS:			25					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Albuquerque High School	01	TEI	5,000										
Individual Award	00	RCD	17,100										
La Cueva High School	01	TEI	5,000										
N M Inst of Mining & Tech	03	RCD	16,350										
NM Museum of Nat History	01	MDR	181,186										
New Mexico St University	02	RCD	16,350	TEI	70,257								
University of New Mexico	01	RCD	82,500	TEI	129,544								
Western New Mexico Univ	02	TEI	67,556										
DIRECTORATE TOTALS:			\$AMOUNT:	590,843	NUMBER OF AWARDS:			10					
STATE TOTALS:			\$AMOUNT:	4,489,605	NUMBER OF AWARDS:			69					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New York													
OFFICE OF THE DIRECTOR													
Deloitte Haskins & Sells	03	DAD	5,200										
DIRECTORATE TOTALS:		\$AMOUNT:		5,200		NUMBER OF AWARDS:		1					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Alfred U-NY St Col Cermcs	34	DMR	58,400										
Alfred Univ	34	DMR	77,000										
Amer Physical Soc	17	PHY	30,000										
Assoc For Computing Mach	17	DMS	3,000										
Barnard College	16	CHE	19,927	DMS	13,400								
CUNY Brooklyn College	10	DMS	43,000	PHY	115,000								
CUNY City College	16	DMR	607,700	DMS	102,650	PHY	322,037						
CUNY Col of Staten Island	14	DMR	66,300										
CUNY Grad Sch & Univ Ctr	17	DMS	14,355										
CUNY H L Lehman College	19	DMS	193,000										
CUNY Hunter College	15	CHE	95,000	DMR	70,000								
CUNY Queens College	08	CHE	114,000	DMR	30,000	DMS	112,000						
Clarkson University	26	CHE	216,000	DMR	182,800	DMS	108,500	PHY	83,449				
Colgate University	27	DMS	63,300	PHY	23,926								
Columbia University	16	AST	98,000	CHE	2,742,429	DMR	365,500	DMS	1,099,748	PHY	3,743,000		
Cornell Univ Endowed	28	AST	130,000	CHE	679,452	DMR	7,946,800	DMS	1,306,509	PHY	18,114,194		
Cornell Univ State	28	DMS	16,000										
Cornell University	28	AST	273,000	CHE	625,200	DMR	909,700						
Fordham University	19	DMS	11,300										
Individual Award	00	DMS	136,000										
Int Bus TJ Watson Res Ctr	21	DMR	10,000										
Ithaca Col	28	CHE	51,200										
Med Fdn of Buffalo Inc	33	CHE	118,000										
New York University	17	CHE	355,985	DMR	221,300	DMS	1,338,192	PHY	1,155,496				
Polytechnic University	13	CHE	118,000	DMR	870,300	DMS	20,000						
Rensselaer Polytech Inst	23	CHE	175,675	DMR	784,000	DMS	75,350	PHY	257,914				
Rockefeller Univ	15	CHE	224,400	DMS	20,000								
SUNY Col Env Sci&Forestry	27	DMR	62,000										
SUNY Jamestown Cmty Col	34	PHY	18,235										
SUNY at Albany	23	CHE	271,752	DMR	78,900	DMS	98,685						
SUNY at Binghamton	28	CHE	78,000	DMS	25,564								
SUNY at Buffalo	33	CHE	623,513	DMR	256,300	DMS	234,418	PHY	89,996				
SUNY at Stony Brook	01	AST	46,900	CHE	897,344	DMR	964,900	DMS	703,950	PHY	3,523,323		
Syracuse University	27	CHE	605,277	DMS	61,200	PHY	664,336						
Union College	23	AST	8,900	DMS	32,300								
United Engr Trustees Inc	15	DMR	4,900										
Univ of Rochester	30	AST	105,100	CHE	527,895	DMR	202,500	DMS	180,183	PHY	2,848,276		
Univ of the State of N Y	23	AST	48,400										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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New York

Vassar College	21	DMS	29,400	PHY	25,000								
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DIRECTORATE TOTALS:	\$AMOUNT:	60,074,835	NUMBER OF AWARDS:	368
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DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

Asian Cultural Cncl Inc	15	INT	228,992		
Automated Dynamics Corp	23	ISI	40,000		
Boyce Thompson Inst	28	INT	8,250		
CUNY Baruch College	15	INT	21,393		
CUNY Brooklyn College	10	INT	32,534		
CUNY Hunter College	15	INT	2,800		
CUNY Queens College	08	INT	17,499		
CUNY System Office	15	INT	40,000		
Colgate University	27	INT	6,745		
Columbia U Lamont Geo Obs	00	INT	61,646		
Columbia University	16	INT	113,051	RII	49,882
Cornell Univ Endowed	28	INT	212,327	RII	121,712
Cornell Univ Medical Ctr	28	INT	25,266		
Cornell University	28	INT	134,363		
Excel Technology Inc	01	ISI	40,000		
Gradient Lens Corporation	30	ISI	75,628		
Inst of Int Education Inc	15	SRS	18,547		
Internatl Cong Glass XIV	34	INT	27,250		
Knowledge Sys Inc	23	ISI	37,642		
Litron Laboratories Ltd	30	ISI	39,768		
Museum of the Amer Indian	17	INT	10,370		
N Y Botanical Garden	19	INT	25,000		
N Y Univ Medical Center	17	INT	24,275		
New York University	17	INT	25,068	SRS	5,068
Pradeep K Gupta Inc	29	ISI	29,030		
Queensboro Trns Tech Corp	08	ISI	40,000		
RAI Research Corp	02	ISI	96,752		
Rensselaer Polytech Inst	23	INT	33,987		
Resources Plan Assocs Inc	28	ISI	125,077		
Rockefeller Univ	15	INT	20,390		
SUNY System Office	23	RII	56,874		
SUNY at Albany	23	INT	56,448		
SUNY at Binghamton	28	INT	15,730		
SUNY at Buffalo	33	INT	133,938	SRS	92,211
SUNY at Stony Brook	01	INT	81,318		
Syracuse Research Corp	27	SRS	76,800		
Syracuse University	27	INT	14,350	SRS	77,174
Univ of Rochester	30	INT	96,064		
Vassar College	21	RII	54,514		
Weidlinger Associates	17	ISI	79,888		

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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New York

DIRECTORATE TOTALS:	\$AMOUNT:	2,625,621	NUMBER OF AWARDS:	78
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DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Assoc For Computing Mach	17	DCR	22,000										
Bank Street Col of Ed	16	IRI	27,500										
CUNY Brooklyn College	10	DCR	61,476										
CUNY Grad Sch & Univ Ctr	17	DCI	14,355										
CUNY Hunter College	15	DCR	75,000										
Canisius Col	33	DCR	40,000										
Clarkson University	26	DCI	4,000	DCR	37,599	IRI	23,640						
Columbia University	16	ASC	7,000	DCI	334,332	DCR	248,554	IRI	473,209				
Cornell Univ Endowed	28	ASC	50,000	CCR	94,000	DCI	237,327	DCR	2,076,553				
Cornell Univ State	28	ASC	5,835,000										
Cornell University	28	ASC	308,503	DCI	244,644	DCR	607,613						
GE R & D Center	23	DCR	26,869										
Hofstra Univ	05	IRI	43,364										
Inst of Elect Engrs IEEE	15	DCR	13,000										
Int Bus TJ Watson Res Ctr	21	DCI	24,361										
Iona College	20	DCR	38,600	IRI	38,474								
New York University	17	ASC	107,700	DCR	1,819,049	IRI	319,697						
Rensselaer Polytech Inst	23	ASC	15,000	DCI	197,514	DCR	98,665						
Rochester Inst of Tech	29	DCR	38,433										
SUNY System Office	23	IRI	12,000										
SUNY at Albany	23	DCR	305,269										
SUNY at Binghamton	28	IRI	74,752										
SUNY at Buffalo	33	DCI	63,209	DCR	272,979								
SUNY at Stony Brook	01	ASC	12,000	DCI	18,000	DCR	1,554,686						
Syracuse University	27	IRI	86,969										
The Ctr for Media Law Inc	17	IRI	21,460										
Univ of Rochester	30	DCI	208,600	DCR	793,054	IRI	42,196						

DIRECTORATE TOTALS:	\$AMOUNT:	17,068,205	NUMBER OF AWARDS:	106
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DIRECTORATE FOR GEOSCIENCES

Amer Museum of Nat Hist	17	EAR	33,000	OCE	40,564								
CUNY Brooklyn College	10	EAR	60,000										
CUNY NYC Tech Col	13	DPP	86,367										
Clarkson University	26	ATM	75,000										
Colgate University	27	EAR	25,050										
Columbia U Lamont Geo Obs	00	ATM	925,804	DPP	1,186,878	EAR	1,468,423	OCE	10,201,496				
Columbia University	16	ATM	44,000	EAR	146,143	OCE	122,000						
Cornell Univ Endowed	28	ATM	1,524,398	DPP	42,859	EAR	3,577,818						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New York													
Cornell Univ State	28	EAR	69,610										
Cornell University	28	EAR	165,200										
DOSECC Inc	22	EAR	2,270,000										
Polytechnic University	13	ATM	110,200	EAR	46,000								
Rensselaer Polytech Inst	23	EAR	211,100										
SUNY System Office	23	OCE	3,213										
SUNY at Albany	23	ATM	1,048,389	DPP	358,116	EAR	481,855						
SUNY at Binghamton	28	EAR	113,514										
SUNY at Buffalo	33	DPP	296,781	EAR	45,700								
SUNY at Stony Brook	01	ATM	169,200	EAR	972,354	OCE	930,429						
Syracuse Research Corp	27	ATM	80,000										
Syracuse University	27	EAR	165,870	OCE	84,180								
Univ of Rochester	30	ATM	63,200	DPP	27,000	EAR	89,208						
DIRECTORATE TOTALS:			\$AMOUNT:	27,360,919	NUMBER OF AWARDS:			213					

DIRECTORATE FOR ENGINEERING

ABET	15	ENG	74,361										
Alfred Univ	34	CDR	50,000										
Amer Inst of Chem Eng	15	CBT	36,000										
Amer Soc of Civil Eng	15	MSM	15,000										
American Assn Engrg Socs	15	ENG	114,090										
CUNY Brooklyn College	10	CBT	74,900	ECS	30,000								
CUNY City College	16	CBT	292,150	CDR	85,600	CES	59,426	MSM	111,432				
CUNY Col of Staten Island	14	CDR	22,300										
Clarkson University	26	CBT	244,111	ECS	29,980	MSM	120,605						
Columbia University	16	CBT	174,790	CDR	3,221,750	CES	125,745	DMC	72,038	ECS	269,587	MSM	245,109
Cornell Univ Endowed	28	CBT	276,861	CDR	25,000	CES	185,499	DMC	525,986	ECE	125,690	ECS	295,087
		MSM	634,927										
Cornell Univ State	28	CBT	50,000	MSM	58,295								
Cornell University	28	CBT	100,000	CDR	38,000	CES	82,700	DMC	140,000	ECS	2,920,419	MSM	150,000
GE R & D Center	23	CDR	84,612	MSM	48,986								
Individual Award	00	CBT	13,500										
Inst of Int Education Inc	15	ENG	10,000										
Int Bus TJ Watson Res Ctr	21	ECS	2,000										
N Y Univ Medical Center	17	CES	112,907										
New York University	17	CDR	15,000	ECS	16,682								
Polytechnic University	13	CBT	98,954	ECS	142,800	MSM	97,197						
Rensselaer Polytech Inst	23	CBT	210,461	CES	30,000	DMC	721,762	ECS	90,065	ENG	61,500	MSM	355,634
SUNY Col Env Sci&Forestry	27	CES	42,578										
SUNY System Office	23	CDR	25,000										
SUNY at Buffalo	33	CBT	598,852	CES	913,500	DMC	64,933	ECE	25,000	ECS	86,052	MSM	332,926
SUNY at Stony Brook	01	CBT	239,429	MSM	151,562								
Steven Winter Assocs Inc	17	CES	66,857										
Syracuse University	27	CBT	129,839	CDR	24,147	CES	137,908	ECS	50,000	ENG	67,000	MSM	100,424

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New York													
United Engr Trustees Inc	15	CBT	53,500	CES	5,000	ECS	9,500	MSM	26,000				
Univ of Rochester	30	CBT	193,252	CDR	47,000	DMC	13,260	ECS	267,901				
DIRECTORATE TOTALS:			\$AMOUNT:	16,860,918	NUMBER OF AWARDS:			162					

DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE

Albany Medical Col	23	BNS	76,454										
Amer Counc of Learned Soc	15	BSR	21,638	SES	43,276								
Amer Inst of Physics	17	SES	25,000										
Amer Museum of Nat Hist	17	BSR	133,470										
Amer Res Ctr in Egypt(NY)	16	BNS	69,095										
Bank Street Col of Ed	16	SES	52,500										
Barnard College	16	BNS	30,356	SES	14,172								
Boyce Thompson Inst	28	DCB	150,610	DMB	80,000								
Brookhaven National Lab	01	DMB	633,400										
CUNY Brooklyn College	10	DCB	58,000										
CUNY City College	16	BNS	146,000	DCB	108,000								
CUNY Grad Sch & Univ Ctr	17	BNS	74,508										
CUNY Hunter College	15	BNS	136,866	DCB	60,450	DMB	135,159						
CUNY John Jay College	17	BNS	25,000										
CUNY Mt Sinai Sch of Med	16	BNS	77,189	DCB	75,004	DMB	298,981						
CUNY Queens College	08	BNS	98,000	BSR	36,892								
CUNY System Office	15	BNS	37,008	DCB	120,000								
Clarkson University	26	BSR	250,000	DCB	56,000	DMB	55,000						
Cold Spring Harbor Lab	03	BSR	25,000	DCB	257,490	DMB	143,600						
Colgate University	27	DCB	53,000										
Columbia U Col Phys Sur	16	DCB	87,708	DMB	328,440								
Columbia U Lamont Geo Obs	00	BSR	83,795										
Columbia University	16	BNS	191,782	DCB	67,000	DMB	412,322	SES	406,144				
Cornell U St Agr Exp Sta	31	BNS	110,047	BSR	67,001	DCB	77,190						
Cornell Univ Endowed	28	BNS	429,876	BSR	229,388	DCB	56,404	DMB	552,364	SES	323,533		
Cornell Univ Medical Ctr	28	BNS	112,000	DCB	158,000	DMB	90,000						
Cornell Univ State	28	BNS	242,670	BSR	779,043	DCB	458,494	DMB	517,563	SES	40,368		
Cornell University	28	BNS	65,000	BSR	147,392	DCB	85,000	DMB	222,500	SES	112,607		
Ctr Rel Ethics & Soc Pol	28	SES	42,949										
Health Research Inc	23	DMB	219,511										
Hosp Jnt Diseases Orthop	17	DCB	72,000										
Individual Award	00	DCB	53,340	DMB	81,742								
Ithaca Col	28	BSR	39,068										
Long Island U CW Post Ctr	03	DCB	78,876										
Manhattanville Col	20	SES	25,000										
N Y Acad of Sciences	08	BNS	10,000	DMB	30,000								
N Y Botanical Garden	19	BSR	944,397										
N Y Univ Medical Center	17	BNS	60,000	DCB	210,000	DMB	220,805						
NY State Dept of Health	23	DMB	176,226										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New York													
Natl Bur of Econ Res-NY	17	SES	136,321										
New School For Social Res	17	SES	120,957										
New York University	17	BNS	193,021	DMB	139,000	SES	49,276						
Public Health Res Inst	15	DMB	256,333										
Rensselaer Polytech Inst	23	DCB	124,000	DMB	85,000								
Rockefeller Univ	15	BNS	210,247	BSR	20,000	DCB	175,800	DMB	708,361				
SUNY Col Env Sci&Forestry	27	BSR	42,090	DMB	112,000								
SUNY Col at Plattsburgh	26	BNS	53,783										
SUNY College at Buffalo	33	SES	56,406										
SUNY Hlth Sci Ctr Stny Bk	01	BNS	5,200	DMB	70,000								
SUNY Med Ctr Brooklyn	12	BNS	19,997	DMB	122,000								
SUNY Med Ctr Syracuse	27	BNS	150,000	DCB	59,912	DMB	155,189						
SUNY System Office	23	BNS	65,000	BSR	76,239								
SUNY at Albany	23	BNS	399,291	BSR	44,617	DCB	307,838	DMB	105,000	SES	108,841		
SUNY at Binghamton	28	BNS	209,785	BSR	55,000	DMB	275,000						
SUNY at Buffalo	33	BNS	419,010	DCB	100,000	DMB	337,132	SES	169,118				
SUNY at Stony Brook	01	BNS	700,302	BSR	392,754	DCB	285,532	DMB	445,243	SES	322,947		
Siena College	23	DCB	129,939										
Sloan Kettering Canc Res	15	DCB	91,000	DMB	85,000								
Soc Sci Res Council	17	SES	192,203										
Syracuse Research Corp	27	SES	18,869										
Syracuse University	27	BNS	232,889	BSR	481,332	DCB	65,000	DMB	159,992	SES	218,796		
Teachers College	16	BNS	103,440										
The St Lukes-Roosevelt In	16	BNS	49,124										
U of Rochester Sch Med	30	BNS	137,000	DCB	162,688								
Union College	23	DCB	70,340	DMB	55,000								
Univ of Rochester	30	BSR	49,000	DCB	205,468	DMB	110,000	SES	524,573				
Univ of the State of N Y	23	BSR	46,997										
Utica Col of Syracuse U	25	BSR	18,068										
Vassar College	21	DCB	50,000										
W Alton Jones Celi Sc Ctr	26	DMB	175,000										
Yeshiva U Albert Einstein	19	BNS	313,775	DCB	391,100	DMB	160,000						

DIRECTORATE TOTALS:

\$AMOUNT: 24,554,798

NUMBER OF AWARDS: 402

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Associated Univ Inc Upton	01	TEI	25,491										
Bank Street Col of Ed	16	MDR	837,234	TEI	648,293								
Brooklyn Technical H S	11	TEI	5,000										
CUNY City College	16	TEI	697,744										
CUNY Grad Sch & Univ Ctr	17	RCD	32,700										
CUNY Queens College	08	TEI	203,489										
CUNY York College	06	CSI	23,268										
Children's Telev Workshop	17	MDR	6,259,710										
Colgate University	27	CSI	72,749										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
New York													
Columbia University	16	MDR	272,476	RCD	251,200	SEE	100,000						
Community Sch Dist 11	19	SEE	5,595										
Cooper Union	17	RCD	16,350										
Cornell Univ State	28	MDR	152,208										
Cornell University	28	RCD	989,770										
Educ Broadcasting Corp	17	MDR	300,000										
Fox Lane High School	21	TEI	5,000										
Girls Clubs of America	15	MDR	215,286										
Hobart & Wm Smith Colls	31	CSI	22,193										
Hofstra Univ	05	TEI	84,142										
Individual Award	00	RCD	17,100										
Ithaca Col	28	CSI	29,451										
Manhattan College	17	CSI	54,891										
Marist Col	21	CSI	17,594										
Marymount Col	22	CSI	16,895										
Mercy Col	22	CSI	30,113										
N Y Hall of Science	08	MDR	144,846	TEI	130,566								
N Y Zoological Soc	17	TEI	90,648										
New York University	17	MDR	411,294	RCD	159,225	SPA	20,038						
Pace University	17	CSI	22,990										
Ramstein Junior High Sch	00	TEI	5,000										
Rensselaer Polytech Inst	23	RCD	61,370										
Roberts Wesleyan Col	32	CSI	6,270										
Rochester Inst of Tech	29	CSI	50,000										
Rockefeller Univ	15	RCD	130,800										
Roswell Park Health Res	23	RCD	13,400										
Roswell Park Memor Inst	33	RCD	16,350										
SUNY Col Env Sci&Forestry	27	RCD	16,350										
SUNY Col at Brockport	32	TEI	105,918										
SUNY Col at Plattsburgh	26	CSI	23,375										
SUNY College at Cortland	25	TEI	59,420										
SUNY College at Geneseo	31	CSI	19,570										
SUNY College at Oneonta	25	CSI	32,278										
SUNY College at Oswego	29	CSI	28,440	MDR	93,485								
SUNY College at Potsdam	26	TEI	167,649										
SUNY at Albany	23	MDR	183,435										
SUNY at Buffalo	33	RCD	3,350										
Sci Inst For Public Info	17	MDR	57,401										
Siena College	23	CSI	31,538										
Skidmore Col	24	CSI	28,391										
Syracuse University	27	MDR	61,096	RCD	32,700								
Teachers College	16	SPA	384,739	TEI	20,305								
U of Rochester Sch Med	30	TEI	107,588										
Union College	23	TEI	73,630										

DIRECTORATE TOTALS:

\$AMOUNT: 14,179,397

NUMBER OF AWARDS: 78

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE
NSF DIRECTORATE
INSTITUTION

CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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New York

STATE TOTALS:	\$AMOUNT:	162,729,893	NUMBER OF AWARDS:	1,408
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NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
North Carolina													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Davidson Col	09	CHE	66,000										
Dept of Army US Army Rsch	02	DMR	65,990										
Duke Univ	02	AST	25,000	CHE	781,450	DMR	325,300	DMS	190,525	PHY	10,800		
Individual Award	00	DMS	65,600										
N C St Univ at Raleigh	04	CHE	141,000	DMR	711,900	DMS	189,085	PHY	147,655				
U of N C at Chapel Hill	04	CHE	1,350,164	DMR	177,900	DMS	500,169	PHY	159,849				
U of N C at Charlotte	09	CHE	31,850										
Wake Forest Univ	05	CHE	39,875	DMR	86,500								
DIRECTORATE TOTALS:			\$AMOUNT:	5,066,612	NUMBER OF AWARDS:			83					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Appl Res Assoc Inc	04	ISI	141,450										
Burton Technologies Inc	04	ISI	39,989										
Duke Univ	02	INT	32,686										
East Carolina Univ	01	INT	12,750										
Incon Corporation	04	ISI	40,000										
N C Agric & Tech St Univ	06	RII	297,537										
N C St Univ at Raleigh	04	INT	56,154										
Travel Award	00	INT	2,700										
U of N C Inst Marine Sci	01	INT	31,259										
U of N C at Chapel Hill	04	INT	35,920										
DIRECTORATE TOTALS:			\$AMOUNT:	690,445	NUMBER OF AWARDS:			13					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Duke Univ	02	DCI	91,918	DCR	422,396	IRI	115,660						
N C St Univ at Raleigh	04	ASC	25,000	DCI	25,000	DCR	92,246	IRI	34,000				
Triangle Univs Comput Ctr	02	ASC	73,000										
U of N C at Chapel Hill	04	DCI	345,760	DCR	942,296	IRI	221,347						
DIRECTORATE TOTALS:			\$AMOUNT:	2,388,623	NUMBER OF AWARDS:			18					
DIRECTORATE FOR GEOSCIENCES													
Duke Univ	02	ATM	50,300	EAR	20,000	OCE	296,467						
Duke Univ-Marine Lab	01	OCE	1,451,790										
East Carolina Univ	01	OCE	70,000										
N C St Univ at Raleigh	04	ATM	278,300	DPP	62,841	EAR	92,354	OCE	655,869				
Research Triangle Inst	02	ATM	11,500	OCE	11,000								

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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North Carolina

U of N C at Chapel Hill	04	EAR	94,258	OCE	278,180								
U of N C at Charlotte	09	OCE	2,050										

DIRECTORATE TOTALS:	\$AMOUNT:	3,374,909	NUMBER OF AWARDS:	35
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DIRECTORATE FOR ENGINEERING

Appl Res Assoc Inc	04	CES	88,213										
Duke Univ	02	CBT	79,433	CDR	42,400	CES	38,350	DMC	57,100	ECE	30,000	MSM	111,060
N C Biotechnology Center	02	CDR	154,170										
N C St Univ at Raleigh	04	CBT	389,884	CDR	201,663	DMC	337,859	ECS	180,786	MSM	312,789		
Research Triangle Inst	02	CBT	18,522										
Semiconductor Res Corp	02	ECS	1,200,000										
U of N C at Chapel Hill	04	CES	188,829										

DIRECTORATE TOTALS:	\$AMOUNT:	3,431,058	NUMBER OF AWARDS:	34
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DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Appalachian State Univ	10	BNS	14,255										
Duke Univ	02	BNS	523,816	BSR	1,342,467	DCB	238,300	DMB	280,000	SES	205,528		
Duke Univ-Marine Lab	01	BSR	70,000	DMB	15,000								
Duke Univ-Sch of Medicine	02	BNS	62,756	BSR	130,016	DCB	75,000	DMB	306,861				
East Carolina Univ	01	BSR	20,000	DMB	45,800								
Individual Award	00	DCB	26,400										
N C St Univ at Raleigh	04	BNS	20,000	BSR	221,620	DCB	307,856	DMB	258,000	SES	55,272		
NIH-Nat Inst Envr Hlt Sci	02	BSR	28,000										
U of N C School Medicine	04	BNS	80,000	DMB	61,000								
U of N C at Chapel Hill	04	BNS	398,313	BSR	106,564	DCB	557,795	DMB	478,564	SES	201,350		
U of N C at Greensboro	06	BNS	107,249										
WFU Bowman Gray Sch Med	05	BNS	150,000										
Wake Forest Univ	05	DCB	94,836	DMB	178,492								

DIRECTORATE TOTALS:	\$AMOUNT:	6,661,110	NUMBER OF AWARDS:	110
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DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Appalachian State Univ	10	TEI	132,242										
Belmont Abbey Col	10	TEI	191,319										
Davidson Col	09	CSI	28,614										
Duke Univ	02	RCD	216,350										
East Carolina Univ	01	CSI	10,609										
N C Agric & Tech St Univ	06	CSI	32,000										
N C Museum of Life & Sci	02	MDR	42,250										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
North Carolina													
N C Sch of Science & Math	02	TEI	5,000										
N C St Univ at Raleigh	04	MDR	38,828	RCD	78,230								
Research Triangle Inst	02	SEE	50,000										
Robeson Cty Board of Ed	07	TEI	89,692										
U of N C at Chapel Hill	04	RCD	186,450										
U of N C at Charlotte	09	CSI	42,412	TEI	100,000								
U of N C at Greensboro	06	RCD	16,350	TEI	79,609								
Univ of NC at Wilmington	07	CSI	25,748	RCD	16,350								
Vance Senior High School	02	TEI	5,000										
Winston-Salem/Forsyth Co	05	TEI	62,348										
DIRECTORATE TOTALS:			\$AMOUNT:	1,449,401	NUMBER OF AWARDS:			21					
STATE TOTALS:			\$AMOUNT:	23,062,158	NUMBER OF AWARDS:			314					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
North Dakota													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
N D St U Central Office	01	CHE	56,010										
ND St Univ Main Campus	01	CHE	142,971	DMR	7,000	DMS	22,100						
Univ of North Dakota	01	CHE	125,000										
DIRECTORATE TOTALS:			\$AMOUNT:	353,081	NUMBER OF AWARDS:			6					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Univ of North Dakota	01	BSR	10,000	DCB	47,801								
DIRECTORATE TOTALS:			\$AMOUNT:	57,801	NUMBER OF AWARDS:			2					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Gackle Public School	01	TEI	5,000										
Minot H S Magic City Camp	01	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	10,000	NUMBER OF AWARDS:			2					
STATE TOTALS:			\$AMOUNT:	420,882	NUMBER OF AWARDS:			10					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Ohio													
ORG SYSTEMS RECORD													
Univ of Akron Main Campus	14	000	46,000										
DIRECTORATE TOTALS:		\$AMOUNT:		46,000		NUMBER OF AWARDS:		1					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Bowling Grn S U Main Cam	05	CHE	40,000	DMR	70,500	DMS	20,170						
Case Western Reserve Univ	21	AST	304,400	CHE	185,000	DMR	1,337,800	DMS	99,100	PHY	174,863		
Case Western Res Case Inst	21	DMR	182,600	DMS	10,150								
Col of Wooster	16	CHE	30,000										
John Carroll University	21	DMR	41,800										
Kent St Univ	11	DMR	193,000	PHY	303,733								
Kent State University Fdn	11	CHE	50,000	DMR	91,000								
Oberlin Col	13	PHY	24,000										
Ohio St Univ	15	AST	50,600	CHE	1,322,603	DMR	1,438,100	DMS	479,294	PHY	559,600		
Ohio St Univ Res Fdn	15	DMR	153,000										
Ohio Univ	10	CHE	52,500	PHY	158,331								
Univ of Akron Main Campus	14	DMR	210,000	DMS	30,000								
Univ of Cin Main Campus	01	CHE	336,210	DMR	339,600	DMS	84,300	PHY	170,000				
Univ of Toledo	09	AST	91,100	CHE	63,000	DMS	26,000						
DIRECTORATE TOTALS:		\$AMOUNT:		8,722,377		NUMBER OF AWARDS:		125					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Case Western Reserve Univ	21	INT	7,200										
Ceramphysics Inc	12	ISI	39,956										
Cleveland Crystals Inc	21	ISI	39,748										
Col of Wooster	16	INT	10,850										
Deformation Cntrl Tech Inc	19	ISI	40,000										
Lake Shore Cryotronics	12	ISI	39,600										
Ohio St Univ	15	INT	43,872										
Ohio Univ	10	INT	30,610										
PEI Associates Inc	01	ISI	39,970										
Sawyer Res Products Inc	11	ISI	184,322										
Univ of Akron Main Campus	14	INT	44,800										
Univ of Cin Main Campus	01	INT	65,399										
Univ of Toledo	09	INT	10,073										
DIRECTORATE TOTALS:		\$AMOUNT:		596,400		NUMBER OF AWARDS:		20					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Ohio													
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Case Western Reserve Univ	21	DCI	33,062	DCR	178,898	IRI	90,561						
Kent St Univ	11	DCR	37,000										
Muskingum Col	10	DCR	9,000										
Ohio St Univ	15	ASC	8,500	DCI	124,500	DCR	214,518	IRI	66,369				
Ohio St Univ Res Fdn	15	DCI	46,353										
Univ of Toledo	09	DCI	60,000	DCR	6,000	IRI	20,000						
DIRECTORATE TOTALS:			\$AMOUNT:	894,761	NUMBER OF AWARDS:			13					
DIRECTORATE FOR GEOSCIENCES													
Case Western Reserve Univ	21	ATM	106,150	EAR	54,700								
Gould Defense Systems Inc	21	ATM	27,750										
Kent St Univ	11	DPP	21,701										
Miami Univ Central Office	08	DPP	97,027	EAR	7,729								
Muskingum Col	10	EAR	42,700										
Ohio St Univ	15	ATM	165,300	DPP	924,210	EAR	66,062						
Ohio St Univ Res Fdn	15	DPP	122,889										
Univ of Cin Main Campus	01	ATM	21,000	EAR	140,587								
DIRECTORATE TOTALS:			\$AMOUNT:	1,797,805	NUMBER OF AWARDS:			28					
DIRECTORATE FOR ENGINEERING													
Applied Coatings Intl Inc	15	CBT	40,000										
Battelle Memorial Inst	12	DMC	72,955										
Case Western Reserve Univ	21	CBT	183,786	CDR	76,787	CES	25,000	DMC	128,772	ECS	49,938		
Case Western Res Case Inst	21	CBT	176,442	ECE	79,944	MSM	25,000						
Cleveland St Univ	20	MSM	13,385										
Ohio St Univ	15	CBT	210,000	CDR	1,250,000	DMC	363,094	ECS	95,922	MSM	335,953		
Ohio St Univ Res Fdn	15	CBT	68,130	DMC	528,371	MSM	37,325						
Ohio Univ	10	MSM	75,000										
U of Dayton	03	MSM	99,482										
Univ of Akron Main Campus	14	MSM	142,329										
Univ of Cin Main Campus	01	CBT	158,871	CDR	25,000	DMC	29,131	ECS	123,833	MSM	60,000		
Univ of Toledo	09	CBT	69,457										
DIRECTORATE TOTALS:			\$AMOUNT:	4,543,907	NUMBER OF AWARDS:			49					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Ohio

DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Bowling Grn S U Main Cam	05	BNS	25,602	BSR	339,902								
C Kettering Res Fdn Lab	07	DMB	119,000										
Case W R Univ Sch of Med	21	DCB	159,000	DMB	85,000								
Case Western Reserve Univ	21	BNS	71,450	DCB	132,500	DMB	26,450						
Case Western Res Case Inst	21	BSR	10,000	SES	40,000								
Kent St Univ	11	BSR	39,647	DMB	195,000								
Laser Inst of America	09	SES	57,379										
Med Col of Ohio at Toledo	09	DMB	47,000										
Miami Univ Central Office	08	BSR	258,380	SES	23,700								
Miami Univ Hamilton Camp	08	DCB	100,000										
Oberlin Col	13	BNS	52,000										
Ohio St Univ	15	BNS	262,793	BSR	646,853	DMB	381,479	SES	144,055				
Ohio St Univ Res Fdn	15	BSR	202,251	DMB	120,133	SES	33,792						
Ohio Univ	10	BSR	207,472										
U of Cincinnati Col Med	01	BNS	80,000	DCB	77,500	DMB	120,000						
U of Dayton	03	DMB	206,000										
Univ of Akron Central Off	14	DMB	5,808										
Univ of Akron Main Campus	14	DMB	125,000										
Univ of Cin Main Campus	01	BNS	92,500	BSR	4,980	DCB	67,000	SES	94,997				
Wright State Univ	03	BNS	61,532										

DIRECTORATE TOTALS: \$AMOUNT: 4,716,155 NUMBER OF AWARDS: 79

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Baldwin-Wallace Col	20	TEI	53,621										
Benjamin Logan High Sch	07	TEI	5,000										
Case Western Reserve Univ	21	RCD	26,100										
Denison Univ	12	CSI	19,126	SEE	850								
Hiram Col	11	CSI	38,144										
Individual Award	00	RCD	17,100										
Kent St Univ	11	MOR	330,201	RCD	16,350								
Lucas Cnty Office of Educ	09	TEI	65,546										
Miami Univ Central Office	08	TEI	192,543										
Mount Union Col	16	CSI	9,930										
Muskingum Col	10	CSI	12,210										
Notre Dame Col	19	CSI	18,000										
Oberlin Col	13	CSI	24,458										
Ohio St Univ	15	RCD	113,500										
Otterbein Col	12	CSI	12,129										
Strongsville High School	20	TEI	5,000										
U of Dayton	03	TEI	98,893										
Univ of Toledo	09	TEI	3,651										

DIRECTORATE TOTALS: \$AMOUNT: 1,062,352 NUMBER OF AWARDS: 20

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE
NSF DIRECTORATE
INSTITUTION

CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Ohio

STATE TOTALS:

\$AMOUNT: 22,379,757

NUMBER OF AWARDS: 335

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Oklahoma													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Oklahoma State Univ	03	CHE	234,943	DMR	116,300	DMS	114,200	PHY	3,000				
Univ of Oklahoma	04	AST	93,300	CHE	241,999	DMS	107,350	PHY	67,100				
DIRECTORATE TOTALS:			\$AMOUNT:	978,192	NUMBER OF AWARDS:			23					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Oklahoma State Univ	03	INT	60,919										
Univ of Oklahoma	04	INT	16,517										
DIRECTORATE TOTALS:			\$AMOUNT:	77,436	NUMBER OF AWARDS:			4					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Univ of Oklahoma	04	ASC	9,000										
DIRECTORATE TOTALS:			\$AMOUNT:	9,000	NUMBER OF AWARDS:			0					
DIRECTORATE FOR GEOSCIENCES													
Univ of Oklahoma	04	ATM	757,272	EAR	490,590								
Univ of Tulsa	01	OCE	105,848										
DIRECTORATE TOTALS:			\$AMOUNT:	1,353,710	NUMBER OF AWARDS:			21					
DIRECTORATE FOR ENGINEERING													
Oklahoma State Univ	03	CDR	50,000	CES	20,000	DMC	25,000	ECS	20,000	MSM	61,222		
Univ of Oklahoma	04	CBT	121,965										
Univ of Tulsa	01	CBT	22,713	ENG	110,964								
DIRECTORATE TOTALS:			\$AMOUNT:	431,864	NUMBER OF AWARDS:			6					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Oklahoma State Univ	03	DCB	187,000	DMB	45,000	SES	40,750						
Oral Roberts Univ	01	DCB	23,000										
Univ Okla Hlth Scis Ctr	06	DCB	35,261										
Univ of Oklahoma	04	BSR	6,155	DCB	112,644	DMB	56,246	SES	15,000				
Univ of Tulsa	01	BNS	53,542										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Oklahoma

DIRECTORATE TOTALS:	\$AMOUNT:	574,598	NUMBER OF AWARDS:	15
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DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Bartlesville Mid-High Sch	05	TEI	5,000		
Clyde Boyd Junior H S	01	TEI	5,000		
Individual Award	00	RCD	17,100		
Oklahoma State Univ	03	RCD	65,400	SEE	153,355
Univ of Oklahoma	04	RCD	16,350		
Univ of Tulsa	01	TEI	197,379		

DIRECTORATE TOTALS:	\$AMOUNT:	459,584	NUMBER OF AWARDS:	8
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STATE TOTALS:	\$AMOUNT:	3,884,384	NUMBER OF AWARDS:	77
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NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Oregon													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Lewis and Clark Col	01	AST	86,100										
Oregon Graduate Center	01	DMR	107,000	PHY	62,500								
Oregon St Univ	05	CHE	207,879	DMR	90,100	DMS	163,795	PHY	80,000				
Portland State University	01	CHE	77,492										
Univ of Oregon Eugene	04	CHE	702,009	DMR	382,100	DMS	55,600	PHY	335,802				
DIRECTORATE TOTALS:			\$AMOUNT:	2,350,477	NUMBER OF AWARDS:			37					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Bend Research Inc	02	ISI	76,418										
Oregon St Univ	05	INT	157,839										
Planar Systems Inc	01	ISI	40,000										
Portland State University	01	INT	24,933										
RSE - Endex Joint Venture	05	ISI	39,930										
Slotta Eng Assoc Inc	05	ISI	140,000										
Univ of Oregon Eugene	04	INT	44,908										
DIRECTORATE TOTALS:			\$AMOUNT:	524,028	NUMBER OF AWARDS:			16					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Good Samaritan Hosp&Med C	01	IRI	66,343										
Oregon Graduate Center	01	ASC	100,000	DCR	130,537	IRI	117,456						
Oregon St Univ	05	IRI	35,042										
Univ of Oregon Eugene	04	ASC	25,000	DCR	395,905								
DIRECTORATE TOTALS:			\$AMOUNT:	870,283	NUMBER OF AWARDS:			9					
DIRECTORATE FOR GEOSCIENCES													
Oregon Graduate Center	01	ATM	233,000	DPP	45,000								
Oregon St Univ	05	ATM	1,218,766	DPP	305,623	EAR	368,599	OCE	3,704,378				
Portland State University	01	ATM	147,800										
Univ of Oregon Eugene	04	DPP	19,136	EAR	317,092	OCE	46,700						
DIRECTORATE TOTALS:			\$AMOUNT:	6,406,094	NUMBER OF AWARDS:			79					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Oregon													
DIRECTORATE FOR ENGINEERING													
Oregon Graduate Center	01	CDR	21,500	ECS	223,710								
Oregon St Univ	05	CBT	54,311	CES	173,555	MSM	29,765						
Portland State University	01	CDR	25,830										
Univ of Oregon Eugene	04	MSM	73,873										
Univ of Portland	03	DMC	117,875										
DIRECTORATE TOTALS:			\$AMOUNT:	720,419		NUMBER OF AWARDS:	10						
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Oreg Hlth Scis Univ	01	DCB	2,500										
Oregon Graduate Center	01	DMB	245,276										
Oregon St Univ	05	BSR	1,391,607	DCB	15,070	DMB	493,000						
Perceptronics Decision Res	04	SES	34,586										
Portland State University	01	DCB	60,000	DMB	49,395								
Reed Col	03	DCB	2,000	DMB	122,856								
Univ of Oregon Eugene	04	BNS	345,288	DCB	460,146	DMB	1,200,838	SES	41,386				
DIRECTORATE TOTALS:			\$AMOUNT:	4,463,948		NUMBER OF AWARDS:	58						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Oreg Hlth Scis Univ	01	RCD	16,350										
Oregon Graduate Center	01	RCD	16,350										
Oregon Inst of Technology	02	CSI	49,750										
Oregon St Univ	05	RCD	49,050										
Pacific Univ	01	CSI	7,664										
Portland State University	01	TEI	418,508										
The Catlin Gabel School	01	TEI	5,000										
Univ of Oregon Eugene	04	RCD	49,050	TEI	108,185								
Univ of Portland	03	CSI	50,000										
West Linn High School	05	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	774,907		NUMBER OF AWARDS:	12						
STATE TOTALS:			\$AMOUNT:	16,110,156		NUMBER OF AWARDS:	221						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Pakistan													
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Pakistan Water & Power	99	INT	278,250										
Univ Panjab	00	INT	44,500										
University of Karachi	99	INT	15,688										
University of Peshawar	99	INT	12,250										
DIRECTORATE TOTALS:			\$AMOUNT:	350,688	NUMBER OF AWARDS:			4					
STATE TOTALS:			\$AMOUNT:	350,688	NUMBER OF AWARDS:			4					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Pennsylvania

OFFICE OF THE DIRECTOR

Inst For Scientific Info	02	BAC	30,000										
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DIRECTORATE TOTALS:		\$AMOUNT:	30,000			NUMBER OF AWARDS:	1						
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DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

Bryn Mawr Col	13	DMS	36,619										
Bucknell Univ	17	CHE	30,116										
Carnegie Mellon Univ	14	CHE	552,524	DMR	1,692,000	DMS	393,262	PHY	181,500				
Dickinson Col	19	PHY	11,000										
Drexel University	02	CHE	71,300	DMS	57,600	PHY	267,181						
Franklin & Marshall Col	16	CHE	70,500	DMR	42,000	PHY	10,616						
Haverford Col	13	DMR	60,500	DMS	21,500	PHY	19,000						
Lafayette Col	15	DMS	16,200										
Lehigh Univ	15	CHE	50,900	DMR	916,600	DMS	82,100	PHY	122,033				
Materials Res Society	18	DMR	3,500										
Penn State Univ Cen Off	23	AST	236,100	CHE	1,109,962	DMR	1,752,800	DMS	573,273	PHY	476,475		
Shippensburg Univ of Penn	09	CHE	32,000										
Slippery Rock Un of Penn	04	DMR	17,200										
Soc Indus&Appl Math(SIAM)	02	DMS	57,640										
Swarthmore Col	07	AST	99,500										
Temple Univ	01	DMR	411,435	DMS	65,901	PHY	19,000						
Univ City Science Center	02	DMR	70,000										
Univ of Pennsylvania	02	AST	94,900	CHE	556,196	DMR	4,699,400	DMS	744,749	PHY	1,406,500		
Univ of Pittsburgh	14	AST	309,000	CHE	1,067,325	DMR	846,100	DMS	104,680	PHY	1,371,085		
Villanova Univ	07	AST	66,800										
W Chester Univ of Penn	05	CHE	174,608										
Wilkes Col	11	PHY	16,600										

DIRECTORATE TOTALS:		\$AMOUNT:	21,087,780			NUMBER OF AWARDS:	218						
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DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS

BioChem Technology Inc	05	ISI	40,000										
Carnegie Mellon Univ	14	INT	46,165	PRA	14,558	RII	42,208						
Consad Research Corp	14	PRA	28,283										
Daniel H Wagner Assoc	05	ISI	236,493										
Dickinson Col	19	INT	15,100										
Drexel University	02	INT	23,650										
Dyna East Corporation	02	ISI	40,000										
EXPORTech Company Inc	12	ISI	39,997										
Ecogen Inc	08	ISI	36,645										
Incremental Systems Corp	14	ISI	39,800										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Pennsylvania													
Lehigh Univ	15	INT	99,972										
Materials Sciences Corp	13	ISI	38,830										
O'Donnell Cnslt Engrs Inc	18	ISI	40,000										
Pa St Univ Altoona Campus	09	RII	10,000										
Penn State Univ Cen Off	23	INT	124,349	RII	10,000								
Polysciences Inc	08	ISI	39,872										
Temple Univ	01	INT	10,930	SRS	118,091								
Univ of Pennsylvania	02	INT	60,855	PRA	169,452								
Univ of Pittsburgh	14	INT	81,962										
William B Retaillick Assoc	05	ISI	40,000										

DIRECTORATE TOTALS: \$AMOUNT: 1,447,212 NUMBER OF AWARDS: 44

DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Bucknell Univ	17	DCR	40,152										
Burroughs SDC PA	05	DCR	58,364										
Carnegie Mellon Univ	14	ASC	2,400,000	DCI	491,323	DCR	560,000	IRI	687,773				
Drexel University	02	DCI	120,560										
MPC Corporation	14	IRI	60,868										
Penn State Univ Cen Off	23	ASC	17,500	DCR	97,436								
St Joseph's University	02	DCR	7,000										
Univ of Pennsylvania	02	ASC	16,000	DCI	185,629	DCR	1,005,926	IRI	59,925				
Univ of Pittsburgh	14	ASC	16,900	DCR	73,566	IRI	182,987						
Villanova Univ	07	DCR	11,250										

DIRECTORATE TOTALS: \$AMOUNT: 6,093,159 NUMBER OF AWARDS: 48

DIRECTORATE FOR GEOSCIENCES

Bloomsburg St Col of Penn	11	ATM	30,345										
Bryn Mawr Col	13	EAR	31,100										
Carnegie Inst	14	EAR	30,000										
Carnegie Mellon Univ	14	DPP	56,000										
Drexel University	02	ATM	348,700										
Franklin & Marshall Col	16	EAR	33,400										
Lehigh Univ	15	EAR	95,509	OCE	120,640								
Penn State Univ Cen Off	23	ATM	1,266,283	EAR	522,070								
Temple Univ	01	EAR	50,400										
Univ of Pennsylvania	02	EAR	236,000	OCE	54,999								
Univ of Pittsburgh	14	ATM	226,300	DPP	91,859	EAR	124,582						

DIRECTORATE TOTALS: \$AMOUNT: 3,318,187 NUMBER OF AWARDS: 41

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Pennsylvania													
DIRECTORATE FOR ENGINEERING													
Air Pollution Control Assn	14	CES	4,500										
Burroughs SDC PA	05	CDR	15,000										
Carnegie Mellon Univ	14	CBT	659,000	CDR	2,070,000	CES	428,790	DMC	627,681	ECS	342,246	MSM	906,873
Carnegie Mellon-Inst Tech	14	CBT	30,000	ECE	81,009	MSM	74,485						
Drexel University	02	CBT	102,354	CES	133,579	ECS	82,630	MSM	141,900				
Haverford Col	13	MSM	98,700										
Lehigh Univ	15	CBT	290,328	CDR	1,533,995	CES	80,000	DMC	127,655	ECS	91,770	MSM	406,204
Paul C Rizzo Assoc Inc	18	ECE	30,000										
Penn State Univ Cen Off	23	CBT	543,247	CDR	218,879	CES	101,675	DMC	87,500	ECS	142,000	ENG	91,122
		MSM	256,322										
Swarthmore Col	07	MSM	29,950										
Travel Award	00	MSM	2,360										
Univ of Pennsylvania	02	CBT	274,832	CDR	81,500	DMC	391,199	ECE	25,000	ECS	62,500	ENG	25,000
		MSM	126,375										
Univ of Pittsburgh	14	CBT	195,479	CDR	19,300	ECE	111,916	ECS	71,590	MSM	168,549		
Villanova Univ	07	CBT	107,795										
Westinghouse R&D Center	18	DMC	242,366										
DIRECTORATE TOTALS:			\$AMOUNT:	11,735,155		NUMBER OF AWARDS:			127				

DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Acad of Nat Sci of Phila	02	BSR	126,977										
Bryn Mawr Col	13	BNS	106,603	BSR	2,000	DCB	65,470						
Bucknell Univ	17	BNS	125,698										
Carnegie Inst	14	BSR	250,000										
Carnegie Mellon Univ	14	BNS	236,147	DCB	62,500	DMB	182,500	SES	646,660				
Dickinson Col	19	DCB	18,111										
Drexel University	02	DCB	50,000										
Duquesne Univ	14	DCB	42,277										
Franklin & Marshall Col	16	BSR	3,000										
Hahnemann Med Col & Hosp	02	DMB	111,338										
Haverford Col	13	DCB	49,490	DMB	94,000								
Inst For Cancer Research	03	DCB	391,750	DMB	152,000								
Lankenau Medical Res Cntr	02	DCB	84,000										
Lehigh Univ	15	DMB	70,000										
Medical College of Pa	02	BNS	228,042	DMB	130,000								
Monell Chem Senses Center	02	BNS	233,776										
Pa St U MS Hershey Med Ct	17	DMB	72,000										
Penn State Univ Cen Off	23	BNS	123,409	BSR	405,791	DCB	65,000	DMB	575,000	SES	180,867		
Swarthmore Col	07	BNS	120,000	BSR	97,149	DCB	3,794						
Temple Univ	01	BNS	9,854	DCB	85,000	SES	45,000						
Temple Univ Sch of Med	01	BNS	69,999	DCB	197,000	DMB	68,000						
Thom Jefferson Med Col	01	DCB	66,364	DMB	170,000								

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Pennsylvania													
U of Pa Sch of Vet Med	02	DCB	60,400										
Univ of Pa Sch of Med	02	BNS	142,250	DCB	56,000	DMB	232,164						
Univ of Pennsylvania	02	BNS	294,860	BSR	514,908	DCB	365,300	DMB	540,000	SES	765,592		
Univ of Pitt Sch of Med	14	BNS	109,000										
Univ of Pittsburgh	14	BNS	398,773	BSR	22,982	DCB	426,161	DMB	154,000	SES	189,342		
W Chester Univ of Penn	05	BSR	38,382										
Wistar Institute	02	BNS	60,000	DCB	179,000	DMB	20,900						

DIRECTORATE TOTALS:

\$AMOUNT: 10,386,580

NUMBER OF AWARDS: 172

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Allegheny Col	21	CSI	21,235										
Alltwn Col St Fr Desales	15	CSI	9,005										
Bucknell Univ	17	CSI	50,461	RCD	16,350								
Carnegie Mellon Univ	14	MDR	544,738	RCD	315,050								
Chestnut Hill Col	13	CSI	7,327										
Dickinson Col	19	CSI	34,460										
E Stroudsburg Univ of Pen	10	CSI	7,677										
Gannon University	21	TEI	63,571										
Indiana U of Pennsylvania	04	TEI	194,000										
Juniata Col	09	CSI	50,000										
Lafayette Col	15	CSI	19,748										
Lebanon Valley Col	16	CSI	14,764										
Lehigh Univ	15	RCD	7,620										
Lower Merion High School	13	TEI	5,000										
Metro Pitts Publ Broadcast	14	MDR	200,000										
Moravian Col	15	CSI	31,000										
Muhlenberg Col	15	CSI	8,903										
Pa St U Capitol Campus	17	TEI	108,214										
Penn State Univ Cen Off	23	RCD	162,000										
Schenley H S Teacher Ctr	14	TEI	5,000										
Slippery Rock Un of Penn	04	CSI	17,000										
St Vincent Col	12	CSI	23,742										
Susquehanna Univ	17	CSI	20,650										
Swarthmore Col	07	MDR	332,833										
Temple Univ	01	MDR	18,900	RCD	40,180	TEI	292,301						
Univ of Pennsylvania	02	RCD	359,660										
Univ of Pittsburgh	14	MDR	309,986	RCD	49,050	TEI	97,837						
Univ of Scranton	10	CSI	35,431										
W Chester Univ of Penn	05	CSI	29,000										
Westminster Col	04	CSI	21,100										
York Col of Pennsylvania	19	CSI	15,725										

DIRECTORATE TOTALS:

\$AMOUNT: 3,539,518

NUMBER OF AWARDS: 41

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Pennsylvania													
STATE TOTALS:			\$AMOUNT: 57,637,591			NUMBER OF AWARDS: 692							

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Puerto Rico															
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN															
Ntl Astron Ionosphere Ctr	97	AST	6,025,222												
Univ of P R Mayaguez	97	DMR	155,875												
Univ of P R Rio Piedras	01	AST	28,700	DMS	13,341										
DIRECTORATE TOTALS:			\$AMOUNT:	6,223,138		NUMBER OF AWARDS:	5								
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS															
U Pr Sy Of Ctr Energy Env	01	RII	298,000												
Univ of P R Mayaguez	97	INT	7,390												
Univ of P R Rio Piedras	01	INT	47,515	RII	318,634										
DIRECTORATE TOTALS:			\$AMOUNT:	671,539		NUMBER OF AWARDS:	6								
DIRECT FOR COMPUTER & INFO SCIE & ENGINR															
Univ of P R Rio Piedras	01	DCI	49,290												
DIRECTORATE TOTALS:			\$AMOUNT:	49,290		NUMBER OF AWARDS:	1								
DIRECTORATE FOR GEOSCIENCES															
Ntl Astron Ionosphere Ctr	97	ATM	1,150,000												
Univ of P R Mayaguez	97	OCE	54,352												
DIRECTORATE TOTALS:			\$AMOUNT:	1,204,352		NUMBER OF AWARDS:	1								
DIRECTORATE FOR ENGINEERING															
Univ of P R Mayaguez	97	CES	99,551	ECE	75,309										
DIRECTORATE TOTALS:			\$AMOUNT:	174,860		NUMBER OF AWARDS:	4								
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE															
Ponce School of Medicine	97	BSR	58,763												
Univ of P R Mayaguez	97	BSR	30,000												
Univ of P R Rio Piedras	01	DCB	51,996												
DIRECTORATE TOTALS:			\$AMOUNT:	140,759		NUMBER OF AWARDS:	3								

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Puerto Rico

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Blanca Malaret High Sch	01	TEI	5,000
Robinson School	01	TEI	5,000
Univ of P R Rio Piedras	01	SEE	137,743
Univ of the Sacred Heart	01	CSI	22,193

DIRECTORATE TOTALS: \$AMOUNT: 169,936

NUMBER OF AWARDS: 4

STATE TOTALS: \$AMOUNT: 8,633,874

NUMBER OF AWARDS: 24

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Rhode Island													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Amer Mathematical Soc	02	DMS	423,009										
Brown Univ	01	CHE	378,456	DMR	2,908,600	DMS	801,905						
Gordon Res Conferences	02	DMR	1,000	PHY	23,000								
Individual Award	00	DMS	1,200										
Univ of Rhode Island	02	DMR	123,600	DMS	26,380								
DIRECTORATE TOTALS:			\$AMOUNT:	4,687,150	NUMBER OF AWARDS:			48					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Amer Mathematical Soc	02	INT	75,000										
Brown Univ	01	INT	58,193										
DIRECTORATE TOTALS:			\$AMOUNT:	133,193	NUMBER OF AWARDS:			5					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Brown Univ	01	ASC	58,000	DCI	272,939	DCR	628,142	IRI	176,349				
Univ of Rhode Island	02	ASC	1,850	DCI	130,175								
DIRECTORATE TOTALS:			\$AMOUNT:	1,267,455	NUMBER OF AWARDS:			11					
DIRECTORATE FOR GEOSCIENCES													
Brown Univ	01	ATM	460,350	EAR	551,222	OCE	676,353						
Gordon Res Conferences	02	OCE	16,630										
Univ of RI Grad Sch Ocean	02	ATM	191,844	DPP	80,449	EAR	177,200	OCE	4,166,314				
Univ of Rhode Island	02	OCE	50,453										
DIRECTORATE TOTALS:			\$AMOUNT:	6,370,815	NUMBER OF AWARDS:			51					
DIRECTORATE FOR ENGINEERING													
Brown Univ	01	CBT	266,000	CDR	25,000	ECS	398,775	MSM	307,036				
Gordon Res Conferences	02	CBT	15,250	CES	14,500	ECS	8,000						
Univ of Rhode Island	02	CBT	89,935	ECS	60,667								
DIRECTORATE TOTALS:			\$AMOUNT:	1,185,163	NUMBER OF AWARDS:			24					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Rhode Island													
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Brown Univ	01	BNS	285,918	BSR	530,882	DCB	212,500	DMB	381,500	SES	36,213		
Gordon Res Conferences	02	BNS	2,500	DCB	39,500	DMB	54,260						
Rhode Island College	02	DCB	54,243										
Univ of Rhode Island	02	BSR	205,176	DCB	70,000								
DIRECTORATE TOTALS:			\$AMOUNT:	1,872,692	NUMBER OF AWARDS:			28					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Bishop Hendricken H S	02	TEI	5,000										
Brown Univ	01	RCD	62,410										
Portsmouth Middle School	01	TEI	5,000										
Roger Williams College	01	CSI	9,591										
DIRECTORATE TOTALS:			\$AMOUNT:	82,001	NUMBER OF AWARDS:			4					
STATE TOTALS:			\$AMOUNT:	15,598,469	NUMBER OF AWARDS:			171					

NATIONAL SCIENCE FOUNDATION
FY 1986 AWARDS BY STATE AND DIRECTORATE

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STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
South Carolina													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Clemson Univ	03	CHE	289,692	DMS	63,935								
Furman Univ	04	CHE	56,000										
Univ of S C at Columbia	02	CHE	604,200	DMR	88,500	DMS	211,267	PHY	368,650				
DIRECTORATE TOTALS:			\$AMOUNT:	1,682,244	NUMBER OF AWARDS:			24					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Clemson Univ	03	INT	6,000										
Univ of S C at Columbia	02	INT	51,380	RII	150,000								
DIRECTORATE TOTALS:			\$AMOUNT:	207,380	NUMBER OF AWARDS:			7					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Clemson Univ	03	DCI	88,605										
DIRECTORATE TOTALS:			\$AMOUNT:	88,605	NUMBER OF AWARDS:			1					
DIRECTORATE FOR GEOSCIENCES													
Clemson Univ	03	ATM	40,000	DPP	351,493								
Univ of S C at Columbia	02	EAR	783,809	OCE	459,852								
DIRECTORATE TOTALS:			\$AMOUNT:	1,635,154	NUMBER OF AWARDS:			15					
DIRECTORATE FOR ENGINEERING													
Clemson Univ	03	CBT	51,750	CES	122,583	DMC	31,850	ECE	35,000	ECS	23,490		
Univ of S C at Columbia	02	CES	97,776	MSM	100,000								
DIRECTORATE TOTALS:			\$AMOUNT:	462,449	NUMBER OF AWARDS:			8					
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Clemson Univ	03	BSR	94,660	DCB	18,015	DMB	99,929						
Francis Marion College	06	DCB	57,690										
Med Univ of S Carolina	01	BNS	50,500	DCB	229,000	DMB	85,000						
Soc for Complex Carbohyd	01	DMB	2,500										
Univ of S C at Columbia	02	BNS	129,001	BSR	399,057	DCB	172,000	DMB	309,301	SES	12,714		

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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South Carolina

DIRECTORATE TOTALS: \$AMOUNT: 1,659,367 NUMBER OF AWARDS: 25

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Clemson Univ	03	RCD	32,700
Coker Col	06	CSI	37,197
Col of Charleston	01	CSI	16,852
Erskine Col & Seminary	03	CSI	8,429
Furman Univ	04	CSI	57,065
Lander Col	03	CSI	26,387
Richland Northeast H S	02	TEI	5,000
Spartanburg High School	04	TEI	5,000
Univ of S C at Columbia	02	TEI	432,000

DIRECTORATE TOTALS: \$AMOUNT: 620,630 NUMBER OF AWARDS: 10

STATE TOTALS: \$AMOUNT: 6,355,829 NUMBER OF AWARDS: 90

NATIONAL SCIENCE FOUNDATION
FY 1986 AWARDS BY STATE AND DIRECTORATE

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STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
South Dakota													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
South Dakota State Univ	01	PHY	50,640										
Univ of South Dakota	01	CHE	41,671										
DIRECTORATE TOTALS:			\$AMOUNT:	92,311		NUMBER OF AWARDS:	2						
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Univ of South Dakota	01	DCR	9,000										
DIRECTORATE TOTALS:			\$AMOUNT:	9,000		NUMBER OF AWARDS:	1						
DIRECTORATE FOR GEOSCIENCES													
S D Sch of Mines and Tech	01	ATM	487,800										
DIRECTORATE TOTALS:			\$AMOUNT:	487,800		NUMBER OF AWARDS:	7						
DIRECTORATE FOR ENGINEERING													
S D Sch of Mines and Tech	01	MSM	178,655										
DIRECTORATE TOTALS:			\$AMOUNT:	178,655		NUMBER OF AWARDS:	2						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Hamlin High School	01	TEI	5,000										
Rapid City Central H S	01	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	10,000		NUMBER OF AWARDS:	2						
STATE TOTALS:			\$AMOUNT:	777,766		NUMBER OF AWARDS:	14						

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Tennessee

DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN

King Col	01	AST	21,600										
Memphis St Univ	09	DMS	53,267										
Oak Ridge National Lab	03	DMR	571,000										
Univ of Tenn Space Inst	04	DMS	38,000	PHY	33,196								
Univ of Tenn at Knoxville	02	CHE	309,836	DMR	229,400	DMS	103,152	PHY	480,000				
Vanderbilt Univ	05	CHE	246,804	DMR	452,500	DMS	73,700	PHY	430,000				

DIRECTORATE TOTALS:	\$AMOUNT:	3,042,455	NUMBER OF AWARDS:	34
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DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS

Fisk Univ	05	RII	299,981										
JBF Associates Inc	02	ISI	40,000										
Meharry Medical Col	05	RII	297,996										
Oak Ridge Associated Univ	03	SRS	90,194										
Univ of Tenn Space Inst	04	INT	36,120										
Univ of Tenn at Knoxville	02	INT	60,144										
Vanderbilt Univ	05	INT	24,933										

DIRECTORATE TOTALS:	\$AMOUNT:	849,368	NUMBER OF AWARDS:	12
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DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Memphis St Univ	09	DCR	80,803										
Univ of Tenn at Knoxville	02	IRI	19,776										
Vanderbilt Univ	05	DCR	42,000										

DIRECTORATE TOTALS:	\$AMOUNT:	142,579	NUMBER OF AWARDS:	3
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DIRECTORATE FOR GEOSCIENCES

Memphis St Univ	09	EAR	70,000										
Univ of Tenn at Knoxville	02	DPP	46,980	EAR	25,000								
Vanderbilt Univ	05	DPP	37,996	EAR	77,400								

DIRECTORATE TOTALS:	\$AMOUNT:	257,376	NUMBER OF AWARDS:	6
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NATIONAL SCIENCE FOUNDATION
FY 1986 AWARDS BY STATE AND DIRECTORATE

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STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Tennessee													
DIRECTORATE FOR ENGINEERING													
Univ of Tenn at Knoxville	02	CDR	50,000	ECS	56,813	MSM	63,195						
Vanderbilt Univ	05	CBT	53,189	CES	33,000	DMC	140,900	ECS	45,507				
DIRECTORATE TOTALS:			\$AMOUNT:	442,604	NUMBER OF AWARDS:			8					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
East Tenn St Univ	01	DCB	70,000	DMB	77,500								
Ecological Soc of America	03	BSR	25,000										
Meharry Medical Col	05	DCB	182,000										
Oak Ridge National Lab	03	BSR	1,095,115	DMB	75,000	SES	250,000						
St Jude Children Res Hosp	09	DMB	54,000										
U of Tenn Ctr Health Scs	09	BNS	25,000	DCB	155,000	DMB	117,000						
Univ of Tenn at Knoxville	02	BNS	224,425	BSR	217,270	DCB	258,473	DMB	70,012				
Vanderbilt Univ	05	BNS	19,640	BSR	10,421	DCB	441,468	SES	10,000				
DIRECTORATE TOTALS:			\$AMOUNT:	3,377,324	NUMBER OF AWARDS:			36					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Christian Brothers Col	09	CSI	14,494										
DOE-Oak Ridge Operations	03	TEI	158,900										
East Tenn St Univ	01	TEI	403,642										
Raleigh Egypt High School	08	TEI	5,000										
Science Hill High School	01	TEI	5,000										
Univ of Tenn at Knoxville	02	RCD	16,350										
Univ of Tenn at Martin	08	TEI	123,121										
Vanderbilt Univ	05	RCD	24,850										
DIRECTORATE TOTALS:			\$AMOUNT:	751,357	NUMBER OF AWARDS:			8					
STATE TOTALS:			\$AMOUNT:	8,863,063	NUMBER OF AWARDS:			107					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Texas													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Baylor Univ	11	DMS	49,600										
Houston Area Research Ctr	06	PHY	16,000										
Individual Award	00	DMS	13,800										
Midwestern State Univ	13	CHE	14,300										
North Texas St Univ	26	CHE	58,000	DMS	87,750	PHY	6,000						
Rice Univ	18	AST	120,900	CHE	976,700	DMR	208,200	DMS	403,591	PHY	319,927		
Southern Methodist Univ	03	CHE	24,000	DMS	76,982								
Texas A&M Research Fdn	06	CHE	1,107,244	DMR	155,700	DMS	153,350	PHY	241,600				
Texas A&M Univ	06	CHE	361,589	DMR	25,000	DMS	244,676	PHY	25,000				
Texas Christian Univ	06	CHE	50,000										
Texas Tech University	19	CHE	452,874	DMS	24,100								
Trinity Univ	20	CHE	192,435										
Univ Tex Aus McDonald Obs	10	AST	106,700										
Univ of Houst Univ Pk	18	CHE	754,729	DMR	247,100	DMS	121,723	PHY	173,000				
Univ of Texas Arlington	26	PHY	75,000										
Univ of Texas Austin	10	AST	1,384,000	CHE	1,493,750	DMR	1,438,500	DMS	348,067	PHY	677,118		
Univ of Texas El Paso	16	DMS	90,200										
Univ of Texas at Dallas	03	CHE	137,778	DMS	26,200	PHY	65,600						
DIRECTORATE TOTALS:			\$AMOUNT:	12,548,783	NUMBER OF AWARDS:			172					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Baylor Col of Medicine	25	INT	40,500										
Hardin-Simmons Univ	17	INT	8,731										
North Texas St Univ	26	INT	41,740										
RF Monolithics Inc	03	ISI	120,500										
Rice Univ	18	INT	24,580										
Texas A & I Univ	27	RII	285,752										
Texas A&M Research Fdn	06	INT	17,400										
Texas A&M Univ	06	INT	78,236										
Texas Southern Univ	18	RII	10,000										
Texas Tech University	19	INT	20,381										
U Tex Hlth Sc Ctr Dallas	05	INT	17,600										
U Tex San Antonio	20	RII	299,504										
UT Health Science Center	20	ISI	85,000										
UT Med Brnch Galveston	09	INT	18,595										
Univ of Houst Univ Pk	18	INT	40,320	RII	52,287								
Univ of Texas Austin	10	INT	69,672	RII	10,000								
Univ of Texas El Paso	16	RII	379,330										
Univ of Texas at Dallas	03	PRA	69,808										
DIRECTORATE TOTALS:			\$AMOUNT:	1,689,936	NUMBER OF AWARDS:			33					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Texas													
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Rice Univ	18	ASC	396,800	DCI	87,860	DCR	836,788						
Southern Methodist Univ	03	DCI	56,888	DCR	41,835								
Univ of Houst Univ Pk	18	DCR	3,738	IRI	33,500								
Univ of Texas Austin	10	ASC	36,500	DCI	125,203	DCR	904,236	IRI	145,114				
DIRECTORATE TOTALS:			\$AMOUNT:	2,668,462	NUMBER OF AWARDS:			27					
DIRECTORATE FOR GEOSCIENCES													
Rice Univ	18	ATM	830,784	DPP	120,020	EAR	447,158	OCE	40,000				
Southern Methodist Univ	03	EAR	177,332										
Southwest Research Inst	20	ATM	62,700										
Texas A&M Research Fdn	06	ATM	12,334	DPP	148,967	EAR	315,695	OCE	1,168,642				
Texas A&M Univ	06	DPP	13,000	EAR	62,500	OCE	2,087,300						
Texas Tech University	19	ATM	92,500	EAR	25,000								
U Tex San Antonio	20	ATM	41,000										
U of Houston Downtown Col	18	EAR	25,005										
Univ of Houst Univ Pk	18	ATM	18,000	EAR	33,600								
Univ of Texas Arlington	26	EAR	14,500										
Univ of Texas Austin	10	ATM	146,500	DPP	288,715	EAR	368,756	OCE	370,466				
Univ of Texas El Paso	16	EAR	94,523										
Univ of Texas at Dallas	03	ATM	439,100	EAR	521,225								
DIRECTORATE TOTALS:			\$AMOUNT:	7,965,322	NUMBER OF AWARDS:			79					
DIRECTORATE FOR ENGINEERING													
North Texas St Univ	26	ECS	173,267										
Rice Univ	18	CBT	263,200	CES	176,970	ECS	355,119						
Texas A & I Univ	27	CES	115,635										
Texas A&M Research Fdn	06	CBT	327,558	ECS	51,000	ENG	37,000	MSM	71,478				
Texas A&M U Eng Exp Sta	06	ECS	49,957										
Texas A&M Univ	06	CDR	75,000	ECE	142,513	ECS	12,206	MSM	17,000				
Texas Tech University	19	CBT	55,412	CES	575,399	ECS	29,047						
Univ of Houst Univ Pk	18	CBT	315,608	CES	244,731	MSM	346,054						
Univ of Texas Arlington	26	CDR	50,000										
Univ of Texas Austin	10	CBT	397,950	CDR	21,384	CES	620,518	DMC	432,046	ECS	370,945	ENG	24,964
		MSM	961,470										
Univ of Texas at Dallas	03	ECS	29,150										
DIRECTORATE TOTALS:			\$AMOUNT:	6,342,581	NUMBER OF AWARDS:			88					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Texas													
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Baylor Col of Medicine	25	BNS	169,000	DCB	86,000	DMB	48,000						
Baylor Univ	11	BNS	71,248	BSR	70,000								
Lamar University	09	BNS	28,578										
North Texas St Univ	26	BSR	109,217										
Rice Univ	18	BSR	65,000	DMB	96,573	SES	54,201						
Southern Methodist Univ	03	BNS	205,779										
Southwest Fdn for Biomed	20	DCB	99,999										
Texas A&M Research Fdn	06	BNS	118,563	BSR	186,352	DCB	447,117	DMB	292,691	SES	17,485		
Texas A&M Univ	06	BSR	5,995	DCB	133,814	DMB	95,000	SES	17,788				
Texas Christian Univ	06	BSR	48,700										
Texas Tec U Hlth Sci Ctr	19	DCB	60,000										
Texas Tech University	19	BNS	20,000	BSR	199,155	DMB	91,350	SES	34,833				
Trinity Univ	20	DCB	89,638										
U Houston Sys Adm Cen Off	18	DMB	52,335										
U TX Hlth Sc Houston	25	DMB	6,200										
U Tex Hlth Sc Ctr Dallas	05	BNS	139,887	DCB	104,422	DMB	142,000						
U of Houston-Clear Lake	25	DCB	64,190										
UT Anderson Hospital	25	BSR	57,000	DCB	90,000	DMB	60,000						
UT Health Science Center	20	DCB	144,545	DMB	309,752								
UT Med Brnch Galveston	09	BNS	225,184										
Univ Tex Aus Mar Sci Inst	27	DCB	67,000										
Univ of Houst Univ Pk	18	BNS	73,341	BSR	55,000	DCB	67,000	DMB	104,134	SES	339,862		
Univ of Texas Arlington	26	DCB	31,469										
Univ of Texas Austin	10	BNS	384,712	BSR	673,276	DCB	564,196	DMB	326,187	SES	135,039		
Univ of Texas at Dallas	03	DCB	131,020										
DIRECTORATE TOTALS:		\$AMOUNT:	7,309,827	NUMBER OF AWARDS:		115							

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Abilene Christian Univ	17	CSI	49,925										
Baylor Col of Medicine	25	RCD	32,700										
Individual Award	00	RCD	17,100										
John Foster Dulles H S	22	TEI	5,000										
Lamar University	09	MDR	13,866										
North Texas St Univ	26	RCD	2,450										
Rice Univ	18	RCD	38,940										
Southside High School	23	TEI	5,000										
Texas A&M Research Fdn	06	TEI	189,443										
Texas A&M Univ	06	RCD	84,710	TEI	313,856								
Texas Christian Univ	06	RCD	16,350										
Texas Tech University	19	TEI	199,421										
Trinity Univ	20	CSI	98,359										
U of Texas HSC - Dallas	05	RCD	16,350										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Texas													
Univ of Houst Univ Pk	18	RCD	32,700	TEI	260,954								
Univ of Texas Austin	10	RCD	349,810	TEI	67,363								
DIRECTORATE TOTALS:		\$AMOUNT:		1,794,297		NUMBER OF AWARDS:		21					
STATE TOTALS:		\$AMOUNT:		40,319,208		NUMBER OF AWARDS:		535					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
United Kingdom													
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
British Lib Lending Div	00	INT	30,000										
DIRECTORATE TOTALS:		\$AMOUNT:	30,000			NUMBER OF AWARDS:	1						
DIRECTORATE FOR GEOSCIENCES													
Univ of Reading	00	EAR	78,000										
DIRECTORATE TOTALS:		\$AMOUNT:	78,000			NUMBER OF AWARDS:	1						
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Cambridge Univ	99	DMB	34,000										
DIRECTORATE TOTALS:		\$AMOUNT:	34,000			NUMBER OF AWARDS:	1						
STATE TOTALS:		\$AMOUNT:	142,000			NUMBER OF AWARDS:	3						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Utah													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Brigham Young Univ	03	CHE	122,000	DMR	62,500	DMS	34,800						
Individual Award	00	DMS	66,800										
U of Utah	02	CHE	1,446,240	DMR	289,400	DMS	681,616	PHY	1,183,800				
Utah St Univ	01	CHE	329,559	DMS	16,400								
DIRECTORATE TOTALS:			\$AMOUNT:	4,233,115	NUMBER OF AWARDS:			57					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Bonneville Scientific	02	ISI	87,257										
Brigham Young Univ	03	INT	10,807										
Ceramatec Inc	02	ISI	199,725										
NPI	02	ISI	39,950										
Technical Res Associates	02	ISI	77,695										
Terra Tek Inc	02	ISI	237,399										
U of Utah	02	INT	62,539										
Utah St Univ	01	INT	26,632										
DIRECTORATE TOTALS:			\$AMOUNT:	742,004	NUMBER OF AWARDS:			13					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
U of Utah	02	ASC	11,000	DCR	747,492								
DIRECTORATE TOTALS:			\$AMOUNT:	758,492	NUMBER OF AWARDS:			4					
DIRECTORATE FOR GEOSCIENCES													
Brigham Young Univ	03	EAR	65,200										
U of Utah	02	ATM	354,481	EAR	191,143	OCE	88,500						
Utah St Univ	01	ATM	481,400	DPP	117,644								
Weber St Col	01	EAR	71,824										
DIRECTORATE TOTALS:			\$AMOUNT:	1,370,192	NUMBER OF AWARDS:			22					
DIRECTORATE FOR ENGINEERING													
Brigham Young Univ	03	CBT	45,768	CDR	1,265,250	MSM	56,949						
Terra Tek Inc	02	CDR	50,000										
U of Utah	02	CBT	330,171	CDR	24,700	DMC	28,713	MSM	103,102				
Utah St Univ	01	CES	16,128										

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Utah

DIRECTORATE TOTALS:	\$AMOUNT:	1,920,781	NUMBER OF AWARDS:	12
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DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Brigham Young Univ	03	BSR	111,307	DMB	33,000	SES	33,786						
U of Utah	02	BNS	303,760	BSR	541,616	DCB	75,000	DMB	207,000	SES	107,056		
U of Utah Col of Medicine	02	BNS	116,886	DCB	130,535								
Utah St Univ	01	BSR	580,728	DCB	178,664	DMB	205,000	SES	53,817				
Utah State Historical Soc	02	BNS	68,625										

DIRECTORATE TOTALS:	\$AMOUNT:	2,746,780	NUMBER OF AWARDS:	33
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DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Brigham Young Univ	03	RCD	16,350	TEI	65,693								
Clearfield High	01	TEI	5,000										
Hansen Planetarium	02	MDR	67,882										
Olympus High School	02	TEI	5,000										
U of Utah	02	RCD	98,250										
Utah St Univ	01	RCD	16,350	TEI	278,178								
WICAT Education Inst	03	MDR	339,063										
Weber St Col	01	CSI	29,133	TEI	231,603								

DIRECTORATE TOTALS:	\$AMOUNT:	1,152,502	NUMBER OF AWARDS:	12
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STATE TOTALS:	\$AMOUNT:	12,923,866	NUMBER OF AWARDS:	153
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Vermont													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Middlebury Col	01	AST	55,400										
University of Vermont	01	CHE	159,000	DMR	68,900								
DIRECTORATE TOTALS:		\$AMOUNT:		283,300		NUMBER OF AWARDS:		4					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Dufresne-Henry Inc	01	ISI	186,585										
University of Vermont	01	INT	5,328										
DIRECTORATE TOTALS:		\$AMOUNT:		191,913		NUMBER OF AWARDS:		2					
DIRECTORATE FOR GEOSCIENCES													
Individual Award	97	ATM	41,000										
University of Vermont	01	EAR	70,000										
DIRECTORATE TOTALS:		\$AMOUNT:		111,000		NUMBER OF AWARDS:		2					
DIRECTORATE FOR ENGINEERING													
Environmental Films	01	CES	38,800										
University of Vermont	01	ECS	65,799										
DIRECTORATE TOTALS:		\$AMOUNT:		104,599		NUMBER OF AWARDS:		3					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
Univ of Vt Col of Med	01	BNS	102,001	DCB	7,000								
University of Vermont	01	BNS	151,140	BSR	236,000	DCB	144,565	DMB	31,000				
DIRECTORATE TOTALS:		\$AMOUNT:		671,706		NUMBER OF AWARDS:		11					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Edmunds Middle School	01	TEI	5,000										
Lyndon St Col	01	CSI	7,990										
Middlebury Col	01	CSI	21,263										
Mill River Union High Sch	01	TEI	5,000										
Norwich Univ	01	CSI	19,803										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Vermont													
University of Vermont	01	RCD	7,070										
DIRECTORATE TOTALS:			\$AMOUNT:	66,126	NUMBER OF AWARDS:			7					
STATE TOTALS:			\$AMOUNT:	1,428,644	NUMBER OF AWARDS:			29					

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Virgin Islands													
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
FD West Indies Lab	01	BSR	74,174										
DIRECTORATE TOTALS:		\$AMOUNT:		74,174	NUMBER OF AWARDS:		2						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Col of the Virgin Islands	01	CSI	22,369										
DIRECTORATE TOTALS:		\$AMOUNT:		22,369	NUMBER OF AWARDS:		1						
STATE TOTALS:		\$AMOUNT:		96,543	NUMBER OF AWARDS:		3						

NATIONAL SCIENCE FOUNDATION

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Virginia													
OFFICE OF THE DIRECTOR													
Boeing Computer Ser Co	10	OIS	112,264										
Phoenix Systems Inc	10	OIS	54,570										
DIRECTORATE TOTALS:			\$AMOUNT:	166,834	NUMBER OF AWARDS:			2					
DIRECTORATE FOR ADMINISTRATION													
Evaluation Techns Inc	10	DAS	96,629										
DIRECTORATE TOTALS:			\$AMOUNT:	96,629	NUMBER OF AWARDS:			2					
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Col of William and Mary	01	CHE	110,344	DMR	189,800	PHY	774,151						
George Mason University	10	PHY	31,000										
James Madison Univ	06	CHE	15,903										
Office of Naval Res	10	DMR	6,257										
Old Dominion Univ	02	PHY	60,643										
Sweet Briar Col	06	CHE	29,400										
University of Virginia	07	AST	411,900	CHE	749,645	DMR	500,600	DMS	300,739	PHY	454,110		
Va Commonwealth Univ	03	CHE	201,700	DMR	2,000								
Va Military Inst	06	CHE	96,386										
Virginia Polytechnic Inst	09	AST	3,500	CHE	56,910	DMR	161,000	DMS	422,080	PHY	380,500		
DIRECTORATE TOTALS:			\$AMOUNT:	4,958,568	NUMBER OF AWARDS:			81					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
American Res Corp of Va	09	ISI	194,778										
Biological Monitoring Inc	09	ISI	77,216										
Col of William and Mary	01	INT	13,660										
Decision Sci Consort Inc	10	ISI	139,946	PRA	74,390								
ENSCO Inc	08	ISI	39,156										
Geological Survey	10	INT	61,000										
George Mason University	10	INT	20,000										
Hampton Univ	01	RII	299,638										
Hydex Corporation	10	ISI	196,725										
Old Dominion Univ	02	RII	51,978										
Omega World Travel	10	INT	170,000										
SRI Intl Strat Studies Ct	10	INT	408,000										
University of Virginia	07	INT	53,765	RII	54,265								
Virginia Polytechnic Inst	09	INT	34,350										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Virginia

DIRECTORATE TOTALS:	\$AMOUNT:	1,888,867	NUMBER OF AWARDS:	23
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DIRECT FOR COMPUTER & INFO SCIE & ENGINR

Boeing Computer Ser Co	10	ASC	3,950,000		
Col of William and Mary	01	ASC	9,000		
Defense Adv Res Proj Agcy	10	DCI	218,510	DCR	198,636
Norfolk State University	02	DCR	46,668		
Office of Naval Res	10	IRI	25,500		
Sthestr Univs Res Assn	01	ASC	932,000		
University of Virginia	07	DCR	265,404		
Virginia Polytechnic Inst	09	DCR	32,832	IRI	111,566

DIRECTORATE TOTALS:	\$AMOUNT:	5,790,116	NUMBER OF AWARDS:	10
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DIRECTORATE FOR GEOSCIENCES

Amer Geological Inst	08	EAR	25,000	OCE	28,511
Blue Pencil Group Inc	10	DPP	18,094		
Col of William and Mary	01	OCE	55,001		
D Navy-Nav Fac & Eng Comm	10	DPP	151,000		
Geological Survey	10	DPP	223,500	EAR	270,000
Naval Research Lab	10	DPP	401,500		
Office of Naval Res	10	OCE	100,000		
Old Dominion Univ	02	OCE	219,447		
Omega World Travel	10	EAR	3,000	OCE	110,000
University of Virginia	07	ATM	54,800	DPP	56,050
Virginia Polytechnic Inst	09	EAR	489,545	EAR	18,389

DIRECTORATE TOTALS:	\$AMOUNT:	2,223,837	NUMBER OF AWARDS:	25
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DIRECTORATE FOR ENGINEERING

Defense Adv Res Proj Agcy	10	ENG	139,116	MSM	15,000
Geological Survey	10	CES	10,000		
George Mason University	10	DMC	28,773		
Old Dominion Univ	02	CES	103,425	MSM	84,544
Omega World Travel	10	CDR	125,000	ENG	45,000
University of Virginia	07	CBT	183,413	CES	35,000
Virginia Polytechnic Inst	09	CBT	193,458	CDR	15,000
				ECS	116,409
				CES	257,603
				ECS	503
				MSM	359,379

DIRECTORATE TOTALS:	\$AMOUNT:	1,711,623	NUMBER OF AWARDS:	28
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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
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Virginia

DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE

Chespeke Res Consrtium Inc	01	BSR	303,127										
Col of William and Mary	01	DCB	36,825										
George Mason University	10	BNS	60,000	BSR	32,000	DMB	50,670						
Hampden-Sydney Col	05	BSR	80,677										
James Madison Univ	06	DMB	75,000										
Office of Naval Res	10	BNS	75,500										
Old Dominion Univ	02	BSR	30,267										
Radford University	09	BNS	46,441										
Sweet Briar Col	06	SES	30,000										
U of Richmond	03	DCB	48,898										
U of Va Sch of Medicine	07	BNS	61,000	DCB	12,982	DMB	2,000						
University of Virginia	07	BNS	215,936	BSR	271,595	DCB	336,000	DMB	612,000	SES	3,300		
VA Museum Natural History	05	BNS	144,234										
Va Commonwealth Univ	03	BNS	128,104	BSR	35,114	DCB	95,000	DMB	63,000				
Va Comonwlth U Health Sci	03	BNS	122,100										
Virginia Polytechnic Inst	09	BSR	254,156	DMB	375,612	SES	132,737						
Washington and Lee Univ	06	BNS	45,000										

DIRECTORATE TOTALS: \$AMOUNT: 3,779,275 NUMBER OF AWARDS: 62

DIRECT FOR SCIENCE & ENGINEERING EDUCAT

Averett Col	05	CSI	15,603										
Council St Sci Supervsors	03	TEI	77,283										
Hampton Univ	01	TEI	126,846										
Individual Award	00	RCD	17,100										
James Madison Univ	06	CSI	13,611										
Old Dominion Univ	02	TEI	99,682										
Omega World Travel	10	RCD	150,000										
Peninsula Nature & Sci	01	MDR	250,000										
Providence Middle School	03	TEI	5,000										
Roanoke Col	06	CSI	13,432										
U of Richmond	03	CSI	14,559										
University of Virginia	07	RCD	119,770										
Va Military Inst	06	CSI	11,538										
Va St Dept of Education	03	SPA	74,469										
Virginia Polytechnic Inst	09	RCD	32,400										
Wakefield High School	10	TEI	5,000										

DIRECTORATE TOTALS: \$AMOUNT: 1,026,293 NUMBER OF AWARDS: 15

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Virginia													
STATE TOTALS:			\$AMOUNT: 21,642,042				NUMBER OF AWARDS: 248						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Washington													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Astrophysics Consortium	07	AST	43,900										
University of Washington	07	AST	55,000	CHE	959,322	DMR	907,000	DMS	842,232	PHY	1,758,595		
Washington State Univ	05	AST	56,900	CHE	324,400	DMR	362,800						
DIRECTORATE TOTALS:		\$AMOUNT:		5,310,149		NUMBER OF AWARDS:		63					
DIRECT FOR SCIEN, TECH & INTERNAT AFFAIRS													
Flow Industries Inc	07	ISI	39,685										
Individual Award	00	INT	23,130										
Sigma Research Inc	08	ISI	270,558										
University of Washington	07	INT	79,950	RII	87,476								
Washington State Univ	05	INT	72,638										
DIRECTORATE TOTALS:		\$AMOUNT:		573,437		NUMBER OF AWARDS:		13					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Boeing Computer Services	08	ASC	491,817										
University of Washington	07	ASC	46,000	DCI	70,000	DCR	380,938	IRI	72,660				
DIRECTORATE TOTALS:		\$AMOUNT:		1,061,415		NUMBER OF AWARDS:		10					
DIRECTORATE FOR GEOSCIENCES													
BMI Battelle Nthwst Labs	04	DPP	50,000										
Geological Survey-Tacoma	06	DPP	168,792										
University of Washington	07	ATM	2,040,922	DPP	1,133,774	EAR	1,353,348	OCE	6,667,866				
Washington State Univ	05	DPP	84,971	EAR	142,900								
Western Washington Univ	02	EAR	174,989										
DIRECTORATE TOTALS:		\$AMOUNT:		11,817,562		NUMBER OF AWARDS:		102					
DIRECTORATE FOR ENGINEERING													
University of Washington	07	CBT	353,599	CDR	271,658	CES	378,211	DMC	80,767	ECS	194,267	MSM	336,227
Urban Regional Research	07	CES	27,751										
Washington State Univ	05	CBT	191,139	CDR	18,000	CES	10,000	ENG	168,360	MSM	2,500		
DIRECTORATE TOTALS:		\$AMOUNT:		2,032,479		NUMBER OF AWARDS:		30					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Washington													
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
BMI Battelle Human Af Res	07	SES	35,000										
Evergreen State College	03	DMB	90,000	SES	30,000								
F Hutchinson Canc Res Ctr	07	DCB	260,000										
Gonzaga Univ	05	DCB	38,739										
Individual Award	00	DCB	53,036	DMB	79,591								
U of Wash-Sch of Med	07	BNS	78,000	DCB	215,532	DMB	209,437						
Univ of Puget Sound	06	BSR	139,556										
University of Washington	07	BNS	692,846	BSR	1,901,097	DCB	864,726	DMB	634,732	SES	316,604		
Washington State Univ	05	BSR	235,096	DCB	525,096	DMB	722,510	SES	69,542				
Zymogenetics Inc	07	DCB	84,193										
DIRECTORATE TOTALS:			\$AMOUNT:	7,295,333	NUMBER OF AWARDS:			103					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Central Washington Univ	04	CSI	50,000										
Eastern Washington Univ	05	CSI	44,528										
Evergreen State College	03	CSI	50,000										
Gonzaga Univ	05	CSI	50,000										
Lakeside School	01	TEI	5,000										
Mt Baker Junior/Senior HS	02	TEI	5,000										
Pacific Lutheran Univ	06	CSI	62,279										
Seattle Univ	07	CSI	10,223										
Univ of Puget Sound	06	TEI	64,773										
University of Washington	07	RCD	333,190	TEI	101,672								
Washington State Univ	05	MDR	180,800	RCD	65,400	TEI	122,675						
DIRECTORATE TOTALS:			\$AMOUNT:	1,145,540	NUMBER OF AWARDS:			15					
STATE TOTALS:			\$AMOUNT:	29,235,915	NUMBER OF AWARDS:			336					

FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
West Virginia													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Nat Radio Astron Observ	02	AST	27,728,000										
West Virginia University	02	CHE	50,000	DMR	55,000	DMS	23,582						
DIRECTORATE TOTALS:			\$AMOUNT:	27,856,582			NUMBER OF AWARDS:	11					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Davis & Elkins Col	02	INT	1,795										
DIRECTORATE TOTALS:			\$AMOUNT:	1,795			NUMBER OF AWARDS:	1					
DIRECTORATE FOR GEOSCIENCES													
West Virginia University	02	EAR	14,452										
DIRECTORATE TOTALS:			\$AMOUNT:	14,452			NUMBER OF AWARDS:	1					
DIRECTORATE FOR ENGINEERING													
West Virginia University	02	CBT	48,000	CDR	75,000	MSM	105,235						
DIRECTORATE TOTALS:			\$AMOUNT:	228,235			NUMBER OF AWARDS:	4					
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
W Va Univ Medical Center	02	DCB	85,000										
West Virginia University	02	BSR	149,827	DCB	75,000	DMB	64,900	SES	43,746				
DIRECTORATE TOTALS:			\$AMOUNT:	418,473			NUMBER OF AWARDS:	5					
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Central Preston High Sch	02	TEI	5,000										
Marshall Univ	04	CSI	23,600										
Shepherd Col	02	CSI	10,190										
South Junior High School	02	TEI	5,000										
West Va Inst of Tech	02	CSI	10,000										
West Virginia University	02	RCD	16,350										
DIRECTORATE TOTALS:			\$AMOUNT:	70,140			NUMBER OF AWARDS:	6					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
West Virginia													
STATE TOTALS:			\$AMOUNT:	28,589,677			NUMBER OF AWARDS:	28					

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Wisconsin													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
Individual Award	00	DMS	66,800										
Marquette Univ	05	DMR	86,500										
Ripon Col	06	CHE	19,000										
Univ of Wis Eau Claire	03	CHE	39,100										
Univ of Wis Madison	02	AST	292,200	CHE	1,857,841	DMR	3,218,269	DMS	1,345,894	PHY	694,548		
Univ of Wis Milwaukee	05	CHE	62,000	DMR	165,500	PHY	81,000						
Univ of Wis Parkside	01	DMS	11,200										
DIRECTORATE TOTALS:			\$AMOUNT:	7,939,852	NUMBER OF AWARDS:			90					
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
Dairyland Food Labs Inc	04	ISI	108,800										
Marquette Univ	05	INT	4,000										
Univ of Wis Madison	02	INT	70,460										
Univ of Wis Milwaukee	05	INT	3,520										
DIRECTORATE TOTALS:			\$AMOUNT:	186,780	NUMBER OF AWARDS:			9					
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
Marquette Univ	05	DCI	63,008										
Univ of Wis Madison	02	DCI	35,000	DCR	2,027,484								
Univ of Wis Milwaukee	05	DCI	25,000	DCR	56,198								
Univ of Wis Parkside	01	DCR	9,750										
DIRECTORATE TOTALS:			\$AMOUNT:	2,216,440	NUMBER OF AWARDS:			22					
DIRECTORATE FOR GEOSCIENCES													
Univ of Wis Madison	02	ATM	2,115,927	DPP	580,968	EAR	376,697	OCE	100,000				
Univ of Wis Oshkosh	06	EAR	8,340										
DIRECTORATE TOTALS:			\$AMOUNT:	3,181,932	NUMBER OF AWARDS:			33					
DIRECTORATE FOR ENGINEERING													
Travel Award	00	CES	1,850										
U of Wisc Sys Off	02	ECS	56,000										
Univ of Wis Madison	02	CBT	872,494	CDR	54,000	CES	185,213	DMC	211,680	ECE	45,000	ECS	704,730
		MSM	91,000										

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Wisconsin													
Univ of Wis Milwaukee	05	CBT	68,868	ECS	85,104	ENG	81,737						
DIRECTORATE TOTALS:		\$AMOUNT:	2,457,676		NUMBER OF AWARDS:		32						
DIRECT-BIOLOGICAL, BEHAV & SOCIAL SCIENCE													
Individual Award	00	DMB	106,104										
Marquette Univ	05	BNS	20,000	DCB	283,709								
Medical College of Wisc	05	DCB	140,935	DMB	79,000								
Milwaukee Public Museum	05	BNS	77,080	BSR	34,128								
U of Wisc Madison Med Sch	02	BNS	86,570										
Univ of Wis Eau Claire	03	DCB	70,000										
Univ of Wis Madison	02	BNS	491,108	BSR	1,417,480	DCB	1,534,521	DMB	975,804	SES	818,213		
Univ of Wis Milwaukee	05	BSR	51,800	DCB	6,400	SES	64,974						
Univ of Wis Parkside	01	DCB	64,642	DMB	7,000								
Univ of Wis Stevens Point	07	BSR	75,006	DCB	65,000								
DIRECTORATE TOTALS:		\$AMOUNT:	6,469,474		NUMBER OF AWARDS:		102						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Carroll Col	04	CSI	13,600										
Carthage Col	01	CSI	21,037										
DeLong Junior High School	03	TEI	5,000										
La Crosse Central High Sc	03	TEI	5,000										
Lawrence Univ	08	CSI	20,250										
Marquette Univ	05	RCD	16,350										
Milwaukee Public Museum	05	MDR	187,350										
U of Wisc Sys Off	02	TEI	691,416										
Univ of Wis Eau Claire	03	CSI	32,125	TEI	42,222								
Univ of Wis La Crosse	03	TEI	85,472										
Univ of Wis Madison	02	MDR	99,868	RCD	533,000	TEI	1,356,646						
Univ of Wis Platteville	03	CSI	19,531										
Univ of Wis Stevens Point	07	CSI	39,000										
Univ of Wis Stout	03	CSI	11,014										
DIRECTORATE TOTALS:		\$AMOUNT:	3,178,881		NUMBER OF AWARDS:		18						
STATE TOTALS:		\$AMOUNT:	25,631,035		NUMBER OF AWARDS:		306						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

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STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Wyoming													
DIRECT FOR MATHEMATICAL & PHYSICAL SCIEN													
University of Wyoming	01	CHE	89,663	DMS	17,000								
DIRECTORATE TOTALS:			\$AMOUNT:	106,663		NUMBER OF AWARDS:	4						
DIRECT FOR SCIEN,TECH & INTERNAT AFFAIRS													
University of Wyoming	01	INT	9,810										
DIRECTORATE TOTALS:			\$AMOUNT:	9,810		NUMBER OF AWARDS:	1						
DIRECT FOR COMPUTER & INFO SCIE & ENGINR													
University of Wyoming	01	ASC	32,000	DCR	97,530								
DIRECTORATE TOTALS:			\$AMOUNT:	129,530		NUMBER OF AWARDS:	2						
DIRECTORATE FOR GEOSCIENCES													
University of Wyoming	01	ATM	386,800	DPP	328,434	EAR	701,692						
DIRECTORATE TOTALS:			\$AMOUNT:	1,416,926		NUMBER OF AWARDS:	20						
DIRECTORATE FOR ENGINEERING													
University of Wyoming	01	CDR	49,998										
DIRECTORATE TOTALS:			\$AMOUNT:	49,998		NUMBER OF AWARDS:	1						
DIRECT-BIOLOGICAL,BEHAV & SOCIAL SCIENCE													
University of Wyoming	01	BSR	11,235	DCB	70,000								
DIRECTORATE TOTALS:			\$AMOUNT:	81,235		NUMBER OF AWARDS:	2						
DIRECT FOR SCIENCE & ENGINEERING EDUCAT													
Dean Morgan Junior H S	01	TEI	5,000										
Kelly Walsh High School	01	TEI	5,000										
DIRECTORATE TOTALS:			\$AMOUNT:	59,050		NUMBER OF AWARDS:	3						

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FY 1986 AWARDS BY STATE AND DIRECTORATE

STATE NSF DIRECTORATE INSTITUTION	CD	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$	DIV	TOTAL \$
Wyoming													
STATE TOTALS:			\$AMOUNT: 1,853,212				NUMBER OF AWARDS: 33						
GRAND TOTALS:			\$AMOUNT: 1,398,172,019				NUMBER OF AWARDS: 13,555						